

# **Implementation Report**

# THE TAIWAN KYUSHU Executive Committee

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## 1. Outline of Event

- (1) Name Kyushu Taiwan Creative Week in Satsumasendai(Taiwan Kyushu Innovation & Technology Conference)
- (2) Dates 3days on November 15(Wed),16(Thu),17(Fri),2023
- (3) Time 15 (Wed) 13:00~17:50 Supervisor : Kyushu Economic Forum
  • 16 (Thu) 09:00~17:15 Supervisor : THE TAIWAN KYUSHU Executive Committee
  • 17 (Fri) 09:00~17:10 Supervisor : THE TAIWAN KYUSHU Executive Committee
- (4) Location SS Plaza Sendai
   Multi-purpose hall(Lecture)
   Conference room 301 302 303(Exhibition Booth)
   Conference room 304(Tea ceremony)
- (5) Contents The three-day event was held as an opportunity for a diverse group of key people from industry, government, academia, and finance from Japan, Taiwan, and the United States to gather in Satsumasendai City to promote economic exchange and build momentum for the realization of a circular economy city
- (6) Main objectives Promoting economic exchange between Kyushu and Taiwan
  - · Network Establishment of Economic Talent
  - Appeal of the Economic development vision of Satsumasendai city and Kagoshima Prefecture
  - Achievement of SDGs by 2030, The realization of circular economy city for achievement carbon neutral by 2050.
- (7) Organizer THE TAIWAN KYUSHU Executive Committee (Stanford University SLDDDRS、Kagoshima Bank、Satsumasendai City)
- (8) Co-organizer
   Kyushu Economic Forum
   Asia-Pacific Association for Academic and Industrial Cooperation (APAAIC)
   Industrial Technology Investment Corporation (ITIC)
- (9) Sponsor APAMAN Corporation, Sozo Ventures, AIRI Capital, Medical corporation Yamato, iMU Corporation, X Capital LLC

- (10) Support Kagoshima Prefecture Government, Kagoshima Association of Corporate Executives, Sendai Chamber of commerce and Industry, Satsumasendai city Commerce and Industry, Business Cooperative Satsumasendai City corporate collaboration council, Satsumasendai Tourism and Products corporation, Satsumasendai city Trade Promotion Association, Junior Chamber International Sendai, IOT Desain Kagoshima, ESUN BANK, MBC (Minaminihon Broadcasting Corporation), NHK(NIPPON HOSO KYOKAI [Kagoshima Broadcasting Corporation]), KTS (Kagoshima Television Corporation), KKB(Kagoshima Broadcasting Corporation), KYT(Kagoshima Yomiuri Television), Minaminihon Newspaper
- (11) Corporation The Industrial Technology Research Institute (ITRI), Taiwan Semiconductor Manufacturing Corporation (TSMC), Japan research community for science and technology (JAREC), National Taiwan University, Kagoshima University, Waseda university, Keio University, Kagoshima Immaculate Heart University, Circular Park Kyushu corporation

#### (12) THE TAIWAN KYUSHU Executive Committee Structure

Chairman

Stanford University Co-Directors SLDDDRS / Toshihiko Nishimura

Vice chairman

Satsumasendai City Mayor / Ryoji Tanaka

Vice chairman

Kagoshima Bank Managing Executive Officer / Hisayuki Sakanoue

Auditor / Secretary General

Satsumasendai City Government Future Policy Department Executive Director / Hidetoshi Furukawa

Deputy Secretary General

Satsumasendai City Government Planning Policy Division Shingo Nakamura

# **2**. Participant Information

#### (1) Participation Fee

① On-site participation fee

Dates	Eligibility	Fee
November 15 (Wed)	Individuals living outside of Satsumasendai City, Or if you are a corporation with a head office or sales office	JPY 5,000 (Tax included)
November15(Wed)	Individuals living in Satsumasendai City, Or if you are a corporation with a head office or sales office	Free
Nerverh ant ((Thur)	Individuals living outside of Satsumasendai City, Or if you are a corporation with a head office or sales office	JPY 2,000 (Tax included)
November16(Thu)	Individuals living in Satsumasendai City, Or if you are a corporation with a head office or sales office	Free
Newsyle at 7(Evi)	Individuals living outside of Satsumasendai, Or if you are a corporation with a head office or sales office	JPY 2,000 (Tax included)
November17(Fri)	Individuals living in Satsumasendai City, Or if you are a corporation with a head office or sales office	Free

#### ② Participation fee of Zoom

Dates	Eligibility	Fee
November15(Wed), 16(Thu),17(Fri)	Individuals living outside of Satsumasendai, Or if you are a corporation with a head office or sales office	JPY 2,000 (Tax included)
November15(Wed), 16(Thu),17(Fri)	Individuals living in Satsumasendai City, Or if you are a corporation with a head office or sales office	Free

### (2) Number of Participants

Item	November15(Wed)	November16(Thu)	November17(Fri)	Total
On-site participation (Out-of-town participants)	139 (93)	241 (66)	160 (46)	540
Paeticipant of Zoom	53	72	50	175
Total	192	313	210	715

#### (3) Total number of speaker

81

# 3. Contents of the event November15(Wed)FY 2023 Interregional exchange in Kagoshima

	Time	Session Name	Speaker's Position / Theme	Name
0	13:00	Opening		
(1)	13:05	Organizer Greeting	Kyushu Economic Forum Chairman	Susumu Ishihara
(2)	13:10	Venue Greeting	Satsumasendai City Mayor	Ryoji Tanaka
(3)	13:15	Gest Greeting	Kyushu Economic Federation Chairman	Sumio Kuratomi
(4)	13:20	Gest Greeting	Sozo Ventures Senior Managing Director	Phil Wickham
(5)	13:25	Appeal of the vision of		
		Kagoshima Prefecture	The vision of Kagoshima Prefecture	Koichi Shiota
		"Kagoshima Prefecture Vision"		
(6)	14:00	Speech &Panel Talk	①The Mission of Universities in the Community	
		"About strategic human	Kagoshima University President	Akira Sano
		resources development"	②Strategic-Human Resource Development	
			Kyoto Prefectural University President	Yasuhiro
		< Moderator >		Tsukamoto
		Stanford University SLDDDRS	③Strategic-Human Resources Management in Current	
		Co-Director	Business Environment	
		Toshihiko Nishimura	Asia Pacific Association for Academic and	Chen-en Ko
			Industrial Cooperation Chairman	
			(4)World-Class, Export-Oriented Human Resource	
			Education	
			KING SKYFRONT NETWORK COUNCIL Chairman	Ryuta Nomura
			⑤Panel Talk	
(7)	15:30	Keynote speech		
		"ITRI's Innovated R&D and	Industrial Technology Research Institute	
		Commercialization Ecosystem"	Executive Vice President	Pei-Zen Chang
(8)	16:00	Panel Talk	①Grand Vision Co.,Ltd. Chief Executive Officer	Kenichiro Nakao
		"Potential of Kagoshima and	②ECOMMIT Co.,Ltd. Representative Director &	Teruyuki Kawano
		from now"	CEO	
		<moderator></moderator>	3 Hataori Limited Liability Company Representation	Kuga Takahashi
		Kyushu Economic Forum	( Letheany & Co. Representation	Natsuka Ogawa
		Masahiro Koga	⑤Panel Talk	

(9)	17:20	Keynote speech		
		"Endless corporate management	APAMAN Co.,Ltd. Representative Director &	Koji Omura
		and learning "	President	
0	17:50	Closing	Kyushu Economic Forum, Vice Chairman	Kensuke Ryuzoji

# (1) Organizer Greeting

#### Kyushu Economic Forum Chairman / Susumu Ishihara



In organizing this forum, we have been greatly assisted by Mr.Nishimura, Mr. Chen-en Ko, Governor Shiota, Mayor Tanaka, among many others. Japan is facing three major challenges: a decline in national strength due to rapid population decrease, a loss of international competitiveness due to economic stagnation, and issues of national security. To address these issues swiftly, it is crucial to strategically develop leaders and the talents that support them. The first day of the three-day Kyushu-Taiwan Creative Week was themed on strategic talent development. During this forum, we hope participants will grasp what they themselves can do. We ask for your cooperation to ensure that this forum leads to wonderful results.

# (2) Venue Greeting

#### Satsumasendai City Mayor / Ryoji Tanaka



We are grateful for the participation of many people from Kyushu, all over Japan, Taiwan, and America in this forum. The purpose of this forum is to promote economic exchange between Kyushu and Taiwan, establish a network of economic talents, appeal the economic development vision of Kagoshima Prefecture and Satsumasendai City, and realize a circular economy city for achieving the 2030 SDGs and 2050 Carbon Neutrality. Our city is advancing comprehensive regional initiatives under the banner of the 'Satsumasendai SDGs Challenge,' aiming to achieve the 'Zero Carbon City Satsumasendai' by 2050. Furthermore, we are promoting collaboration with Circular Park Kyushu to realize a circular economy city. We hope that this forum will lead to the revitalization of the regional economy and the development of economic talents through exchanges between Kyushu, Taiwan, and America.

# (3) Gest Greeting

#### Kyushu Economic Federation Chairman / Sumio Kuratomi



I am grateful for the invitation to this forum. For the sustainable growth of Kyushu, the development of global talent is one of the important issues, and the development of talent in the semiconductor field is particularly urgent. The investment in semiconductors is becoming more active following TSMC's move into Kumamoto, which has the potential to bring economic ripple effects throughout Kyushu. At the Kyushu Regional Strategy Conference held in October, it was confirmed that industry, government, academia, and finance would work together, with a focus on semiconductors. Furthermore, strengthening collaboration not only within Kyushu but also with Taiwan and America is essential. In September, I visited the Hsinchu district, known as Taiwan's Silicon Valley, and was greatly impressed by the success stories of the Taiwanese semiconductor industry. By uniting as one team in Kyushu, I hope to find clues to a growth model. I pray that this forum will lead to the implementation of initiatives that energize Kyushu.

# (4) Gest Greeting

#### Sozo Ventures Senior Managing Director / Phil Wickham



I am grateful for the invitation to this forum and for the opportunity to speak. Since being involved in educational activities at Kyushu University from 2012 and spending a lot of time in Tokyo, I have felt a special, innovative energy in Kyushu. I am an optimist and believe in humanity's power, and that entrepreneurs, innovators, and investors have the ability to solve global problems. The collaboration between Japan and Taiwan is most suited for creating an axis of innovation. Sozo Ventures is an investment firm, but we have contributed to Japan with the philosophy that education on innovation is an essential element in realizing the fusion of technology and industry. Also, I love facing various barriers such as geography, language, and culture. The key to creating innovation is to understand and utilize each individual's talents. This forum is the beginning of creating something new. I am very much looking forward to it.

# (5) The vision of Kagoshima Prefecture



Our prefecture has a vast territory stretching 600 km from north to south, filled with delicious food, abundant nature, and a rich historical culture, among many other attractive regional resources. We want many people to visit Kagoshima to experience these treasures, and we have adopted a new PR catchphrase, 'Kagoshima, the Treasure Box of the South.'

Kagoshima Prefecture Governor Koichi Shiota

In the 'Kagoshima Future Creation Vision,' we envision Kagoshima as a place 'where everyone can live and thrive with peace of mind,' and we are working on nurturing people who pave the way for the future, building a comfortable society, and creating a vibrant industry, aiming to realize this vision by generating a positive cycle.

To lay the foundation for the development of the prefecture's vigor, we believe it is important to improve Kagoshima's 'earning power.' We are working to further promote our key industries, such as agriculture, forestry, fisheries, and the tourism-related industry.

Furthermore, we are enhancing the competitiveness of the manufacturing industry by improving productivity and added value, and we are conducting corporate attraction activities that utilize Kagoshima's geographical advantages, such as its proximity to Asia. In addition, we are working on creating new industries by fostering startups and encouraging local companies to enter industries expected to expand in the future, such as space and drones.

Saigo Takamori's eldest son, Kikujirō, served as the first governor of Yilan County in Taiwan and contributed to modernization, which highlights the historical connection between our prefecture and Taiwan. Various exchanges have been built up, such as sister city alliances with cities and towns within the prefecture and Taiwan. Through this forum, we hope to deepen Taiwan and Kyushu's economic communities' understanding and interest in our prefecture and look forward to the development of our prefecture, Kyushu, and Taiwan through economic exchange.

## (6) Strategic Human Resource Development

Moderator : Stanford University SLDDDRS Co-Director / Toshihiko Nishimura

#### **①** The Mission of Universities in the Community



Kagoshima University President Akira Sano

Kagoshima University places great emphasis on collaboration with the local community and is on a mission to take responsibility for all issues facing Kagoshima. In the University Image Survey 2023 (Nikkei Newspaper), we ranked first in the 'University Initiatives Ranking' nationwide, second in the 'Employment Power Ranking' for the Kyushu-Okinawa region, fifth nationwide in the 'University Regional Contribution Survey 2023' (Nikkei Newspaper), and 17th domestically in THE's SDGs Ranking. As specific initiatives, we have implemented the 'Regional Talent Development Platform,' composed of educational programs across faculties; the 'Community-Based Pilot Talent Creation Program,' aimed at cultivating talent for remote island services and regional revitalization; and we are carrying out the nurturing and production of medical personnel for remote islands and remote areas. Additionally, starting from fiscal year 2024, the 'Southern Kyushu Livestock Veterinary Science Hub' will be established in Soo City, Kagoshima Prefecture, which is one of the leading livestock fields in Japan, and will begin full-scale operation. Other initiatives include supporting the creation of university-launched start-up companies; operation of the National Astronomical Observatory's VERA (a 20m radio telescope) at the Iriki Observatory, which is part of the Faculty of Science and Engineering's Milky Way Galaxy Research Center; and obtaining the SGEC forest certification at the Faculty of Agriculture's Takakuma Experimental Forest, demonstrating sustainable forest management. Moreover, Kagoshima University Hospital, as a core regional medical center, has been designated by Kagoshima Prefecture as a 'Core Type Cognitive Disease Medical Center' and is advancing initiatives such as establishing a 'Robot Surgery Center.' During the COVID-19 pandemic, the hospital earned the highest national acceptance rate for critically ill patients, serving as the last bastion of regional medical care. As these evaluations and practices show, Kagoshima University exists together with the community, striving to nurture talent that can flourish globally.

#### **②** Strategic-Human Resource Development



Kyoto Prefectural University President Yasuhiro Tsukamoto There are 43 universities in Kyoto city, which is home to many international students who are constantly interacting through consortia and the like. There is also active exchange between industry, government, and academia. My specialty is in veterinary science, researching ostrich antibodies. I have started businesses several times since 1991 and also have a side as a business manager. Japan ranks 21st in the world in terms of the number of startup companies, which is very low. Overseas, business owners repeatedly create and fold companies from their student days, and through these failures, they grow and produce excellent venture companies. Japanese have a strong organizational power based on the love of uniformity, where everyone looks at the same thing side by side. However, weaknesses include a fear of failure, delays in obtaining patents, and lack of education on sales and finance. By collaborating with tax accountants, banks, lawyers, and patent attorneys, one can overcome the fear of the unknown regarding funding and legal matters. Japanese people can be very scary when angered. By incorporating successful cases into universities to boost motivation, and by attacking with organizational power using new technologies developed at universities, I believe that Japan can become a nation that creates large businesses by changing just one thing.

#### **③** Strategic-Human Resources Management in Current Business Environment



Asia Pacific Association for Academic and Industrial Cooperation Chairman Chen-en Ko

I also serve as the chairman of the Asia-Pacific Academic and Industrial Collaboration Association, and one of my missions is to promote collaboration between Japan and Taiwan. Ms. Lora Ho stated that the most important aspect of TSMC's expansion in Kumamoto is the talent, reflecting the belief that talent development is a critical theme in corporate management. For Kyushu, one of the challenges is how to gather people with different cultural backgrounds and create value. Taiwan also faces challenges such as talent shortages and an aging population. The surrounding environment is becoming more complex with the evolution of digital technology, expectations for flexible and meaningful ways of working, and the development of ESG. Talent development is not just about improving skills but requires strategic planning and adaptive management. In addition to technical problem-solving abilities, leadership that attracts people from different fields is important. There is also a need to change the cultural attitude towards failure. In the United States, experiences of failure can sometimes work in one's favor during hiring, as individual failures become important training for developing business. In Taiwan, the National Development Council has adopted a talent development program, aiming for the growth of IT and digitally oriented businesses, fostering ICT talents, welcoming international talents, developing bilingual abilities, and nurturing people with a global perspective.

#### **④** World-Class Export-Oriented Human Resource Education



KING SKYFRONT NETWORK COUNCIL Chairman Ryuta Nomura I personally feel that Japan's status in the world is declining, and I believe that education holds the key to this challenge. While Japanese universities are of a high standard and have produced Nobel Prize winners, there is a weakness in industrializing technology. There are issues such as a culture that does not permit failure, a lack of urgency, and insufficient funding, but it is crucial to take concrete actions. Japanese people tend to become emotional quickly during discussions. It is important to foster essential discussions and cultivate communication skills from a young age. The marmosets (monkeys) in our laboratory become smarter and their brains grow larger when they are kept in larger spaces and communicate more, compared to being in narrow cages. It is vital to provide young people with successful experiences and teach them to view all hardships positively. An education that has the courage to challenge and change Japanese conventions is also important. Let's create a society that offers opportunities to the youth, and also a society where the elderly can continue to shine strongly.

#### **⑤** Panel Talk

**OAkira Sano** When I met with the new first-year students, their eyes were indeed shining. By the time they become seniors, around their fourth year, their eyes tend to look dead. I strongly feel the need for an education that is not about deducting points but about not pinching off the growing sprouts. I also spent about two years in America when I was young and received a great many opportunities. America is a country where many young people are filled with hope, yet it is also a fiercely competitive nation, and many fall without anyone knowing. Having chances when one is young is truly a great allure of a country, and this is something I feel deeply. At our university as well, we are working on creating a system that ensures students are given ample opportunities.

**OChen-en Ko** It is essential to develop human resources in such a way that the goals of countries, companies, universities, and all of your entities are connected with what you are currently doing. I believe it is important not to just create young people with a short-term view. It is also important to nurture young people with a long-term perspective.

**ORyuta Nomura** In any research or economic activity, I believe that what ultimately matters is that it benefits society and that, through its commercialization, it benefits everyone. Whether a researcher or anyone else, it's important to have an end goal in sight and to proceed with that in mind.I would like all of you to become individuals who take charge, leading initiatives as if you're in the driver's seat of a car, pressing the accelerator and steering. I want you to have the courage to do what others do not.

**OToshihiko Nishimura** As Mr. Kuratomi mentioned, I want to become one team. Kagoshima Prefecture, Kagoshima University, the Kyushu Economic Forum, Taiwan, and the VCs, all coming

together as one team. In a dual-wielding approach, creating bilingual and digital talents. By doing so, we learn about Kagoshima, become 'glocal,' and then connect to the world. I would like to report that this is what we have learned in this session.

# (7) ITRI's Innovated R&D and Commercialization Ecosystem



ITRI Executive Vice President Pei-Zen Chang

ITRI's mission is threefold: to provide advanced technology for commercialization, to support industrial transformation and upgrading, and to promote innovation through academic collaboration. Taiwan's competitiveness is ranked 6th in the world, evaluated on the efficiency of science and technology, infrastructure, business, and government. Taiwan is particularly leading the world in IC foundries and IC packaging. Taiwan's industries have evolved from import substitution development in the 1960s, transitioning to a knowledge economy, and now working towards digital transformation for an innovation economy.

The major industries in Taiwan have spun off from ITRI. Since 1980, more than 157 companies have spun off. In the semiconductor industry, since 1975, it has provided technology with government funding, and in 1987, TSMC spun off. More than 6,000 people work at ITRI, over 80% of whom hold doctorate or master's degrees. There is also a human network of over 27,000 alumni. Holding more than 30,000 patents, ITRI provides technology and industrial services especially to small and medium enterprises for whom independent research and development is difficult. The main research areas are sixfold: information and communications, electronics, materials and chemicals, medical devices and biomedical, mechanical and measurement systems, and energy and environment. ITRI determines its research subjects considering the country's policies, industrial needs, academic breakthroughs, and the strengths and weaknesses of corporations, serving as a bridge between academia and industry. Within ITRI, there are about 140 platforms, mostly concentrated in the Zhudong area of Hsinchu, which facilitates collaboration. It also works on core technologies based on a 10-year roadmap, focusing on four areas: smart living, quality health, sustainable environment, and building a resilient society against natural disasters, as well as technologies common to these areas.

ITRI seeks to actively strengthen its position as a vital partner within the industrial ecosystem by collaborating with international partners to address global challenges such as supply chain resilience highlighted by the pandemic, technology security issues induced by geopolitics, and carbon neutrality by 2050."

# (8) Kagoshima's potential and future

Moderator : Kyushu Economic Forum Standing Director / Masahiro Koga

#### **(1)** Grand Vision Co.,Ltd. Chief Executive Officer / Kenichiro Nakao



Originally from Kagoshima Prefecture, I was involved in the advertising industry since my university days and worked as a planner after graduation. At the age of 26, I switched to Dentsu Kyushu, moved to Fukuoka, and at 36, I established my own company. A memorable project in Kagoshima was producing Tsuyoshi Nagabuchi's Sakurajima concert, which had a significant impact on the local economy. Currently, I am engaged in branding and marketing, as well as casting, call center operations, and B to C business. Our company's strength lies not only in advertising but also in committing to fundamental problem-solving for businesses. Our clients range from major corporations to ventures, with a particular focus on supporting small and medium-sized enterprises. Since 2011, we have also been hosting events related to Kukai, the great master associated with Fukuoka. We aim to create events that appeal to the sensibilities of our clients and generate interest in historical, artistic, and traditional culture. I conduct my business with the desire to increase the number of producers across the country who invigorate local regions.

#### **(2)** ECOMMIT Co.,Ltd. Representative Director & CEO / Teruyuki Kawano



I founded my business in Satsumasendai City with the goal of creating a 'non-disposable society.' We are promoting reuse and recycling and building a sustainable manufacturing infrastructure. In particular, we aim to transform the linear value chain of mass production, consumption, and disposal into a circular model to solve the problem of the 500,000 tons of clothing discarded annually. We offer the B to B service 'PASSTO,' supporting companies' sales promotion and CSR activities. In collaboration with Itochu Corporation, we have strengthened our recycling business and offer services that make the reduction of CO2 visible through a waste traceability system. With 3,000 collection points in Japan and utilizing 6,000 tons of waste per year as resources, 98% is reused or recycled. Moving forward, we aim to expand overseas, including in ASEAN, to realize a circular economy on a global scale. I want to create a social system that balances the environment and the economy together with companies that will collaborate with us.

#### **③** Hataori Limited Liability Company Representation / Kuga Takahashi



Originally from Kagoshima, I became active as a freelancer after graduating from the University of Kitakyushu and later established a limited liability company, hataori. Our mission is to 'cocreate a society brimming with people who enjoy life,' and we are engaged in regional revitalization. The rate of university students from Kagoshima Prefecture finding employment outside the prefecture is 47.8%. We want to create a community that those who leave will feel attached to and someday wish to return to. Our main activities include planning and managing workshops for young people, city promotion, and events related to the SDGs, with a particular focus on the Life Design Academy MOKUMOKU for university students. In this program, we use the entire regional community as a learning space, supporting students to confront their own lives through experiences of jobs like designers and creators, and interactions with people in unfamiliar places. We want to create a platform where we can support each other's challenges, and where one can try again even after failure.

#### **④** Letheany&Co. Representation / Natsuka Ogawa



Born in Kumamoto, I grew up in various regions due to my father's job transfers. After graduating from the Faculty of Law at Doshisha University, I joined Sumitomo Mitsui Banking Corporation. However, due to an accident I experienced at the age of 18, I wanted to live a life without regrets and decided to become an actress. I am currently producing movies in Kagoshima as a producer. Japan has become economically affluent, but the level of mental happiness is low. I believe that enriching people's minds is the key to economic development. Focusing on the low level of mental happiness among children in Japan, I provide opportunities to think about life and bullying issues through the screening of the movie 'Sato: Our Guidepost,' which I produced in Kagoshima. My goals are to incorporate films that enrich people's minds into education and to hold an international film festival in Kagoshima, which generates economic benefits. I believe that Kagoshima is the center of the world and that it has a lot to offer that can compete globally. I would be delighted if through the works we create, we can build friendly relations between the world and Japan, and between Taiwan and Japan.

#### **⑤** Panel Talk

#### About the goodness of Kagoshima

**OTeruyuki Kawano** Because I'm engaged in hard work every day, I want to place my life where my natural healing power is at its highest. Working in environmental conservation, I feel very strongly about the meaning and the intrinsic value of situating oneself in a natural environment, rather than in an office in downtown Tokyo, and developing business here. No matter how large our company grows, we have decided that we will never move our headquarters from Kagoshima.

**ONatsuka Ogawa** It's truly rich in nature, the people are warm, the food is delicious, the drinks are delicious, the air is delicious; it's just full of good things. Before I knew it, I found it really comfortable and without realizing it, I was living here.

**OKenichiro Nakao** When I feel like my spirit is breaking, I return to Kagoshima and receive tremendous energy from Sakurajima. I love the hot springs the most. There are many public baths in Kagoshima city. What's different from Fukuoka is that they are completely natural hot springs. Plus, they're very cheap; in the past, you could enter for about 300 yen. When I come back to Kagoshima, I don't bathe at home; I basically go to the public bath.

OKuga Takahashi Indeed, the magnificence of the nature in Yakushima is astounding. On the other hand, I was

born and raised in the Tenmonkan shopping district. If you go there, you'll have no trouble shopping at all, and if you go to another area, you can get a lot of vegetables, meat, eel, and so on. There's a sense of never getting bored, a feeling that it's constantly being updated, which I think makes me want to keep staying in Kagoshima.

#### About the challenges of Kagoshima

**OKenichiro Nakao** I've been spending time in Fukuoka and Kagoshima for nearly 20 years, and while I have many acquaintances, there are few who I think would want to go out for a drink at night. I love my work, and I sometimes wonder if I just don't know any people who can talk at the same level, share dreams, or have serious discussions. Around me in Fukuoka, there are many young companies of the same generation, providing daily stimulation, but I think that may be less common in Kagoshima.

**OTeruyuki Kawano** There are no entrepreneurs in the same situation around me. Unfortunately, there isn't anyone who can speak at the same level. I feel that the driving force behind creating a startup ecosystem, so to speak, is very limited. There is indeed a sense of slight suffocation. I need to compensate for that. Europe is more advanced in terms of environmental issues, so if I can travel to various countries, see various things, and make up for what's lacking on my own, then Kagoshima would feel like the best place.

**OKuga Takahashi** There are still too few environments where one can leap from their most comfortable place, like university, and take on challenges. There's a lack of encounters with such senior figures. In Kagoshima, the choice seems to be between staying and becoming a civil servant or joining a large company. Since neither the civil service nor large corporations can hire in great numbers, the only option seems to be moving to Tokyo. There are virtually no companies in Kagoshima where one can apply what they've learned at vocational schools. There's a need for an environment where young people can take on challenges, something that seems to be well-established in places like Fukuoka. I feel that it is indeed very different compared to when I was in Fukuoka.

**O**Natsuka Ogawa One thing I've particularly felt since coming to Kagoshima is that there are very few opportunities for women to thrive. There are female entrepreneurs, but even today, the ranks are mostly male. I think perhaps many women are interested but find it hard to take the first step. Statistics also show that the rate of women's university enrollment in Kagoshima is extremely low, the lowest in the country. Furthermore, in Kagoshima, there are many people who have never studied abroad, never been overseas, or don't even have a passport. So, as an entrepreneur, I hope to engage in activities that can serve as an encouragement to others.

**OMasahiro Koga** There may still be too few entrepreneurs in Japan, and it may have been particularly true that there were even fewer in Kagoshima, but now, here, without a doubt, there are four entrepreneurs with strong convictions. I believe that the passion and activities of these people have the potential to scale up, and with the support of everyone involved here today, they could become something quite significant. The collaboration between Kyushu and Taiwan is starting from Kagoshima due to a fortunate connection. I have a feeling that today will become a special day.

# (9) Endless corporate management and learning



APAMAN Corporation President Koji Omura

I was born in Iizuka, Fukuoka Prefecture, into a poor family, and we moved to Fujinomiya, Shizuoka Prefecture when I was 2 years old. I started delivering newspapers from the second grade of elementary school and founded many companies while experiencing a variety of parttime jobs. With such a background, and being unable to attend university, I took the entrance exam for Waseda University after turning 50 and eventually graduated from Waseda University Graduate School. Upon graduation, I received an award for an outstanding thesis and was later recognized by the Waseda University Graduate School of Sport Sciences for making a significant contribution to the development of society. After that, I wanted to learn about American business, so I am studying at Santa Clara University's Executive MBA program in Silicon Valley.

APAMAN quickly adopted IT to become the world's number one in terms of rental brokerage store count. In the process, I have gathered system requirements, recruited necessary personnel, and even secured funding through cold-call sales, leading me to believe that even without an ecosystem, if one truly has the will, things can somehow be accomplished. Japanese people are kind, and there is a tendency for companies to put customers first and listen to everything they say. In America, there is an opinion that providing an emotional experience to customers is more important, and decisions are made based on a strategic approach using databases. I have also focused on supporting venture companies and local communities and have established 36 'fabbit' facilities worldwide to support startups. Through supporting the soccer club Avispa Fukuoka, I am also engaged in contributing to the community through sports. In addition, I am advancing a project through the real estate association to remodel homes hit by missiles in Ukraine. To address the issue of population decline, I have established and support 'UNOALL', a free marriage counseling service, at 14 locations nationwide. By creating a larger database, we aim to increase the probability of people meeting and getting married

Moving forward, while it is a given that I want to improve the company's performance, I also want to use my time for society, leveraging what I have learned in America and elsewhere.

# 4. Contents of the event November16(Thu)

# The TAIWAN Matching Hub in Satsumasendai

	Time	Session Name	Speaker's Position / Theme	Name
(1)	9:00	Opening	Stanford University SLDDDRS Co-Director	Toshihiko
				Nishimura
			Asia Pacific Association for Academic and	Chen-en Ko
			Industrial Cooperation Chairman	
			Satsumasendai City Mayor	Ryoji Tanaka
			Taipei Economic and Cultural Office in Fukuoka	Bruce Chen
			Consul General	
			Kumamoto prefecture vice Governor	Takashi Kimura
			Taiwan Semiconductor Manufacturing Company	Lora Ho
			Senior Vice President	
			APAMAN Co.,Ltd. Representative Director &	Koji Omura
			President	
			Fukuoka Federation of Business executives	Senji Kobayashi
			Chairman of the bord	
			Sozo Ventures Senior Managing Director	Koichiro
				Nakamura
			AIRI Capital	Pavan Ongole
(2)	10:07	Speech & Panel Talk	① Toward the Realization of a Circular City	
		"Circular city vision"	∼Scenarios for Challenges in the SDGs Future City	
		<moderator></moderator>	of Satsumasendai ~	
		Satsumasendai City Government	Satsumasendai City Mayor	Ryoji Tanaka
		Future Policy Dept. Executive	2"About Circular Park Kyushu"	
		Director	Circular Park Kyushu Co., Ltd. Chief Executive officer	Masaru Haruki
		Hidetoshi Furukawa	③"Reduction of Microplastics through Marine	
		Industrial Technology Investment	Plastic Waste Recycling"	
		Corporation Investment Manager	Kagoshima University Professor	Shigeru Fujieda
		Joyce Cheng	④ Panel Talk	
(3)	11:10	Keynote lecture		
		"TSMC-Innovative Business	Taiwan Semiconductor Manufacturing	Lora Ho
		Strategy and Technology	Company Senior Vice Preside	
		Advancement"		
		<moderator></moderator>		
		Stanford University SLDDDRS		
		Co-Director		

		Toshihiko Nishimura		
		Asia Pacific Association for		
		Academic and Industrial Cooperation		
		Chairman		
		Chen-en Ko		
(4)	13:30	Speech & Panel Talk	① The driving force behind the Meiji Restoration	
		"Key Goal Indicator in education"	and the Industrial Revolution was 'the education	
		< Moderator >	in Satsuma!	
		Asia Pacific Association for	Shigakukan University Professor	Izumi Haraguchi
		Academic and Industrial Cooperation	② A new paradigm shift in future learning,	
		Chairman	PaGamO combines e-sports and education.	
		Chen-en Ko	NTU College of Design and Innovation	Yeh,Ping-Cheng
		Stanford University SLDDDRS	Vice Dean	
		Co-Director	③ Panel Talk	
		Toshihiko Nishimura		
(5)	14:33	Speech & Panel Talk	① The actual practice of dementia diagnosis and	
		"Aging and dementia"	treatment in home medical care.	
		<moderator></moderator>	Medical Corporation Suzuran-kai Tarou Clinic	Naoki Uchida
		Stanford University SLDDDRS	Director	
		Co-Director	② Expanding XR Games for Dementia Prevention	
		Toshihiko Nishimura	Kanagawa Institute of Technology Associate	Hiroshi Suzuki
		Exawizards Inc Managing Editor and	Professor	
		New Business Development	③Visualization of Mind and Illness with an Ultra-	
		Yohei Ichishima	Simple Brainwave Monitor	
		Chaina Medical University Hospital	Keio University Professor	Yasue Mitsukura
		Director of AI Center	4 The Dementia Friendly City Project	
		Kai- Cheng Hsu	Fukuoka City Aging Society Department	Koichi Kasai
		6		Kolchi Kasai
			Dementia Support Division Manager <ol> <li>Panel Talk</li> </ol>	
(0)	15.40			
(6)	15:40	Speech & Panel Talk	①WBG Electronics Contribution to Achieving a	
		"Advance science and Technology"	Decarbonized Society in the Future	
			Nagoya university professor	Hiroshi Amano
		< Moderator >	② Innovate a Better Future	
		Keio University Professor	Industrial Technology Research Institute	Pei-Zen Chang
		Yasue Mitsukura	Executive Vice President	
		Asia Pacific Association for	③ Cutting-edge Resourcing Technology for	
		Academic and Industrial Cooperation	Achieving a Circular Economy.	
		Chairman	Waseda University Professor	Chiharu Tokoro
		Chen-en Ko	④ Panel Talk	

# (1) **Opening**

#### **(1)** Stanford University SLDDDRS Co-director / Toshihiko Nishimura



The program to strengthen the collaboration between Taiwan and Kyushu has been envisioned for the past five years and has been advanced through weekly Zoom meetings. This project aims to foster joint development by leveraging the strengths of Taiwan and Kyushu in different areas. The organizers reflected on the background and history of this collaboration, highlighting the role of Taiwan's sage, Professor Chen-en Ko, who utilized his personal network to lead the conference to success. Professor Ko has nurtured disciples who lead Taiwan's political, financial, and educational sectors and has been hosting the Executive MBA course at Taiwan University for 21 years. The conference focused on human resource development, startup support, and nurturing small and medium-sized enterprises in the collaboration between Taiwan and Kyushu, discussing how to cultivate talents with international competitiveness. An attitude of not fearing failure and boldly embracing new challenges is crucial. The Kyushu-Taiwan Creative Week is expected to feature special guests from Taiwan and Nobel Prize laureates, gathering experts from various fields for research and exchange of ideas. There is an expectation to deepen the collaboration between Taiwan and Kyushu further and to create a breeding ground for new ideas and projects.

#### **②** Asia Pacific Association for Academic and Industrial Cooperation Chairman

#### / Chen-en Ko



The strengthening of relations between Taiwan and Kyushu, as well as between Japan and Taiwan, is extremely important. In particular, the increased mutual interest in both regions due to major companies such as TSMC advancing investments in Kyushu is an opportunity that is propelling cooperation in terms of industry and culture. I am grateful to all those involved, and their efforts are opening new paths for friendship and cooperation. It is pointed out that a cooperative relationship based on sharing different cultures and a common background is powerful, and this can become the foundation for future collaboration. The relationship between Kyushu and Taiwan is emphasized due to cultural similarities and geographic proximity, which aids in creating new value. I look forward to the exchanges and cooperation between regions providing new prospects and opportunities for development for both countries. Finally, I extend my prayers for health and success to the citizens and related parties of Satsumasendai City, as well as to those involved in building new relations between Japan and Taiwan, and I hope for the continuation of good relations.

#### ③ Satsumasendai City Mayor / Ryoji Tanaka



Satsumasendai City is located in Kagoshima Prefecture, Kyushu, Japan, and was formed through the merger of one city, four towns, and four villages in 2004. The city was established 19 years ago, and its current population is approximately 92,000. In the city, neighborhood associations are the most fundamental local organizations, with 551 such associations actively participating in resource recycling initiatives. Additionally, there are 48 district community councils at the regional level, each characterized by diverse population distribution.

The city's total production is around 400 billion yen, with manufacturing, construction, and utilities (electricity, gas, and water supply) being the major industries. A notable local product is armor, known for being worn by baseball player Shohei Ohtani of the Los Angeles Angels every time he hit a home run. The city places a strong emphasis on a circular economy, striving to become a circular city and exploring sustainable development throughout the community.

In terms of international exchange, the city prioritizes its relationship with Taiwan, participating in overseas fairs and educational exchanges with Taiwanese institutions. The city actively shares insights and promotes exchanges in line with the principles of the circular economy, contributing to sustainable development. Strengthening regional collaboration and aiming for a circular city, Satsumasendai City envisions a future that extends beyond its borders, encompassing international cooperation.

#### (4) Taipei Economic and Cultural office in Fukuoka Consul General / Bruce Chen



Efforts were made towards achieving visa-free access and comprehensive approval of driver's licenses, supporting the stay of Taiwanese individuals in Japan. Kyushu is a region with close ties to Taiwan, and it holds a significant share in Japan's semiconductor manufacturing. The collaboration between Taiwan and Kyushu in the semiconductor field suggests the potential for continued growth in Kyushu. Collaboration in various industrial sectors such as hydrogen power generation, energy conservation, and the circular economy is also crucial.

Wishing for the success of the symposium, we aim to further enhance cooperation to promote economic integration between Taiwan and Kyushu. Through the collaboration of all involved, we hope that Kyushu becomes the most closely connected region to Taiwan, fostering strong economic ties.

#### **⑤** Kumamoto Prefecture Deputy Governor / Takashi Kimura



We would like to express our gratitude for the hosting of the Kyushu-Taiwan Creative Week and TSMC's investment in Kyushu. TSMC's expansion is a crucial project contributing to the overall development of Kyushu, with significant economic ripple effects. Recognizing the importance of collaboration not only within Kumamoto Prefecture but also with neighboring prefectures to build a supply chain, we understand the necessity of concerted efforts across Kyushu.

Since TSMC's entry, there have been 61 new company attractions in just the past year, with a succession of semiconductor-related companies establishing a presence. This has resulted in a substantial impact on the overall economy of Kyushu, with the ripple effects reaching 6.9 trillion yen over the past decade. We acknowledge that this project requires collaborative efforts across the entirety of Kyushu, emphasizing the essential nature of cooperation transcending regional and prefectural boundaries.

In terms of economic cooperation with Taiwan, various agreements have already been made, and there is a need to further strengthen these ties in the future. We anticipate that the Kyushu-Taiwan Creative Week will contribute to the promotion of the region and industries, providing a platform for collaboration and growth.

#### **(6)** TSMC Senior Vice President / Lora Ho



TSMC has expanded its presence into Kyushu, particularly in Kumamoto, with progress in the construction of a factory. The investment in Kumamoto has shown very positive developments, and there is a strong connection felt with Kyushu. While previously visiting Japan for leisure, I am now involved in the Kumamoto project and will be working in Kyushu. I am delighted by the progress of the factory in Kumamoto and express gratitude to the Japanese government, Kyushu, and Kumamoto Prefecture. There is a spiritual bond between the Taiwanese and Japanese, and I appreciate the support of Japanese society in sustaining TSMC. The factory is scheduled to commence operations next year, and employees along with their families will be residing in the vicinity of Kumamoto. I pray for the prosperity of both Taiwan and Kyushu, for economic growth, and for positive contributions to the local community.

#### ⑦ APAMAN Corporation President / Koji Omura



APAMAN Corporation was founded in Kyushu (Fukuoka) and has grown into the number one rental brokerage firm in Japan in terms of store count in a short period of time. The key to this success was digitalization. While major real estate companies were also working on ICT, the important thing was not standalone development but emphasizing the multi-use of one data. This approach has something in common with the strengthening of digital competitiveness in the development of Taiwan, and it aligns with the concept of the Kyushu-Taiwan Creative Week. Furthermore, APAMAN Corporation agrees with the purpose of this forum, which is the matching of Kyushu and Taiwan, and especially expects that new initiatives including finance will contribute to the creation of startups originating from Kyushu. There are also challenges that the economic circles of Kyushu and Taiwan face, such as SME development issues and business succession problems, and this Innovation Technology Conference has the potential to contribute to solving them. While APAMAN Group is a company that is currently expanding nationwide, it has deep roots in both Kyushu and Taiwan, actively participates in the collaboration between the two regions, and contributes to their development. In particular, it is important to advance internal collaboration through personnel training within Kyushu and Taiwan, and at the same time, to address each other's challenges through the Kyushu-Taiwan collaboration. This collaboration can produce significant effects and contribute to the development of both Kyushu and Taiwan.

#### **⑧** Fukuoka Federation of Business Executive Chairman / Senji Kobayashi



The Federation of Small and Medium Enterprise Managers Associations in Fukuoka Prefecture, with its approximately 1,300 member companies, is dedicated to providing learning opportunities for managers and nurturing young talent. As a part of its activities, it aims to broaden international perspectives through exchanges with Taiwan and contribute to the local community. 35 years ago, as the chairman of the executive committee for the Asia-Pacific Exposition, the children's exchanges that were born from that experience are still continuing, making ongoing contributions to the local community. The association is also involved in English camps for high school students, and through collaborations with prestigious American universities, it is witnessing the growth and increased confidence of these students. Through these activities, it is fostering the next generation of global talents within the local community. In terms of exchange with Taiwan, they are inviting students from Taiwan and promoting interaction throughout the region. Additionally, they want to strengthen the overall regional exchange, including university students, through collaboration with Kagoshima University. Next year marks the 50th anniversary of these training programs, and they aim to further strengthen ties with Taiwan, deepening the connection between the region and the international community. For this, the cooperation of everyone is indispensable, and they wish to continue working together to contribute to the local community.

#### **(9)** Sozo Ventures Senior Managing Director / Koichiro Nakamura



Sozo Ventures, with support from approximately 40 leading global companies in Japan, has been investing in and supporting companies that originated worldwide, grew in the U.S. market, and evolved into global enterprises contributing to the world's infrastructure. As a Silicon Valley fund with ties to Japan, Sozo Ventures currently holds the largest and most significant fund in terms of size and investment scale, recognized in Silicon Valley as a top brand among investment funds supporting global expansion. Notable investments include companies such as Twitter, Palantir,

Zoom, Coinbase, and other prominent representatives of Silicon Valley.

Sozo Ventures places great importance on specialized education in advanced startup management and investment, believing it to be crucial. The fund has contributed to the development of the innovation ecosystems in both Japan and the U.S. Through its experience, Sozo Ventures believes it can contribute to the growth of Kyushu and Taiwan.

In the startup landscape, individuals often face critical life-changing decisions, and for those who have followed a traditional urban career path, there are challenges. Some individuals from rural areas have undergone such experiences, and their unique perspectives are essential in the innovation process. In fact, it can be argued that innovation is sometimes driven by individuals from rural backgrounds. Participating in this event is an honor, and Sozo Ventures wishes for the future success of the initiative.

#### **(10)** AIRI Capital / Pavan Ongole



Airi Capital is engaged in startup investments in the United States and is grateful for this opportunity. Reflecting on the connections between Taiwan and Kyushu since yesterday, there is a desire to foster similar connections in their home country. In this event encompassing India, Japan, and the United States, Airi Capital wishes for continued growth not only for TSMC and Kumamoto but for the entire initiative.

Moreover, addressing Japan's population decline and economic uncertainties requires significant investments, particularly in energy, healthcare, and space technology. However, Japan faces a language barrier due to the influence of the Katakana culture, leading to a lack of English proficiency in technical fields. In the international competition, proficiency in English is crucial, and a shift in the mindset of Japanese society is also essential. The key point in the American mindset is freedom. Japan has the potential to succeed globally by embracing failure, valuing it as a learning process. In the American startup ecosystem, approximately 60% of unicorns fail, but it is through failure that success is achieved. To welcome new growth, establishing an international perspective and a flexible mindset is crucial.

# (2) Circular city vision

Moderator : Satsumasendai City Future Policy Department Executive Director / Hidetoshi Furukawa Industrial Technology Investment Corporation Investment Manager / Joyce Cheng

#### **①** Toward the Realization of a Circular City

#### ∼Scenarios for Challenges in the SDGs Future City of Satsumasendai∼



Satsumasendai City Mayor Ryoji Tanaka Our city made a Future City Creation SDGs Carbon Neutral Declaration in 2021 and is advancing concrete initiatives towards the realization of a circular economy. Through collaboration with Kyushu Electric Power and selection as an SDGs Future City by the government, and progress reports on the Circular Park Kyushu project, the city is emphasizing cooperation with the regional community and businesses, and advancing efforts contributing to sustainability. In particular, by using the site of the Sendai (thermal) Power Station and the Sendai Port as bases, we are leveraging their functions as important ports to promote the realization of a circular economy. Collaborative efforts with citizens on regional issues, and balanced approaches in welfare, environment, and economy are being undertaken. Additionally, the city is focused on environmental concerns, including measures against global warming and the reuse of closed school sites, working with the regional community, businesses, and citizens, actively engaging across a wide range of fields towards the realization of SDGs and carbon neutrality, promoting a circular economy, and continuing efforts towards building a sustainable society.

#### ② About Circular Park Kyushu



Circular Park Kyushu Co.,Ltd, President, Chief Executive Officer Masaru Haruki Circular Park Kyushu aims to utilize the site of the Sendai Thermal Power Plant to become a hub promoting resource circulation and decarbonization through the collection, transportation, and processing of general and industrial waste, as well as consulting services. The goal is to gather technical expertise and knowledge related to resource circulation from companies and universities, collaborate with the prefecture and city, and construct a sustainable society through information sharing and demonstration experiments involving stakeholders.

In the Resourcing business, waste previously disposed of through landfill or incineration by companies and communities is carefully sorted, achieving a high recycling rate. The park plans to enhance facilities like material libraries and showrooms, aiming to promote the adoption of Circular Economy (CE). In the Solution business, leveraging the network of industry, government, and academia, the park conducts research and development, demonstration experiments, and consulting services. It aims to address resource circulation challenges that are currently difficult to solve by matching the technologies and knowledge obtained here, thereby promoting open innovation in resource circulation.

Additionally, there are plans for a wide range of initiatives, including the renovation of turbine buildings, the development of logistics bases, and the provision of educational spaces. Capitalizing on commonalities between Japan and Taiwan, the park aims to boost economic exchanges and deepen collaboration in circular technologies. In the future, Circular Park Kyushu aspires to influence the world through the circular models of Kyushu and Taiwan, demonstrating leadership in the effective utilization and recycling of resources.

#### **③** Reduction of Microplastics through Ocean Plastic Waste Recycling



Kagoshima University Director of Southern Kyushu and Nansei Islands Innovation Center Shigeru Fujieda The current issue of ocean plastic waste has been evident on the coasts of Kagoshima since the late 1990s. Particularly, the scattering of tiny fragments of expanded polystyrene (EPS) was a serious concern. The cause was identified as EPS floats, used as buoyancy devices for aquaculture cages, being washed away in typhoons and subsequently breaking into pieces on the coast. In response to this issue in Kagoshima Bay, researchers, fishermen, float manufacturers, recycling associations, and local citizens collaborated. Through efforts such as the recycling of EPS floats, development of alternative floats, and the collection of washed-up debris, the condition of the coastline significantly improved.

Currently, Kagoshima University is actively promoting research aimed at contributing to the local community and the environment. The focus is on recycling industrial waste, general waste, waste from primary industries, and CO2 generated in industrial activities, as well as establishing local circulation. Building on the experience and success gained from addressing ocean waste, the university aims to strengthen collaboration with the local community and work towards creating a sustainable future.

#### **④** Panel Talk

**OJoyce Cheng** About the circular economy, I feel that the recycling of waste equipment such as semiconductors and cars could lead to new business opportunities.

**O** Hidetoshi Furukawa On the flip side of the idea that it leads to new business opportunities, firmly commercializing resource circulation has proven to be quite challenging and has not progressed as readily.

**OMasaru Haruki** Believing that with the combination of stability, quantifiability, and high quality, Japan possesses advanced technologies, I envision creating a new model for domestic circulation.

**OShigeru Fujieda** Marine debris is in a mixed state with various types of waste. While everyone emphasizes the need for recycling, separating these wastes is extremely challenging. In that case, it is crucial to implement recycling thoroughly before the waste is generated. Additionally, considering items that have already become marine debris, it is essential to collect and address them properly.

**OHidetoshi Furukawa** While it may be challenging to achieve this awareness in just one region, what kind of educational framework do you think would be effective in raising such awareness?

**OShigeru Fujieda** Universities serve as the intellectual core of the region, and it is essential to cultivate talent to ensure that the research outcomes of universities are beneficial to the region, being utilized by companies and citizens who are receptive to them.

**OMasaru Haruki** Circular Park Kyushu is currently in the process of considering a new business school. We aim to collaborate with Kagoshima University and actively work on educational aspects in the future.

OHidetoshi Furukawa Finally, Mayor Tanaka's expectations for the future.

**ORyoji Tanaka** The direction of Satsumasendai City aiming to become a Circular City is steadfast. I encourage bold investments in Circular Park Kyushu's Resourcing, Solution, and research and development initiatives. I anticipate that the efforts of Circular Park Kyushu will become a significant model project and strength in striving for our city to become a Circular City.

Given the presence of the site of the Sendai Thermal Power Plant and the crucial port of Sendai Port, we desire visible achievements and concrete actions from our citizens. We also aim to establish a system for resource circulation. Regarding the significant port of Sendai Port, ongoing construction is enabling large vessels to dock, and we are determined to actively promote exports, particularly to Taiwan.

# (3) Innovative Business Strategies and Technology Advancements

Moderator : Asia Pacific Association for Academic and Industrial Cooperation Chairman / Chen-en Ko Stanford University SLDDDRS Co-Director / Toshihiko Nishimura

#### TSMC Senior Vice President / Lora Ho



TSMC has grown into a global semiconductor manufacturer with over 75,000 employees and more than 60,000 patents, balancing business success and environmental considerations, and responding to climate change throughout its 36-year history. The strengths of TSMC are based on three pillars: technological leadership, manufacturing excellence, and customer trust. Technological leadership includes over 280 advanced technologies, and the company has been flexible and innovative in its customer-first approach even during the COVID-19 pandemic. Amidst advancing digital transformation (DX), TSMC is responding to changes and meeting the demand for smart applications. In terms of environmental considerations and social responsibility, TSMC has shown a proactive stance. The Kumamoto factory is scheduled to start production in December 2024, anticipating 1,700 new jobs. The talent sought are those who want to acquire new knowledge and those with problem-solving skills, supporting them to contribute to future technology and innovation. Looking to the future, TSMC will continue to adapt to the changing environment based on technological leadership, manufacturing excellence, and customer trust, and will boldly face the

challenges of the future. While contributing to the environment, prioritizing customer success is paramount, pursuing sustainable growth and social contribution.

# (4) Key Goal Indicator in education

Moderator : Asia Pacific Association for Academic and Industrial Cooperation Chairman / Chen-en Ko Stanford University SLDDDRS Co-Director / Toshihiko Nishimura

#### ① The driving force behind the Meiji Restoration and the Industrial Revolution

#### was 'the education in Satsuma!



Shigakukan University Professor Izumi Haraguchi

The reason Satsuma domain led the Meiji Restoration wasn't just its military, economic, political, diplomatic, informational, and organizational strengths; it notably rested on its educational prowess. Satsuma's unique local school education was deeply rooted in the community, serving as a crucial framework for transmitting Satsuma's culture and values. This educational system not only imparted knowledge but also nurtured awareness of the region's characteristics, morals, and the importance of contributing to the local community. Additionally, the domain pursued economic strengthening through initiatives like Shimazu Nariakira's Shuseikan project and Cho Shigetaka's financial reforms, actively fostering diplomatic relations, enhancing ties with the imperial court and shogunate, acquiring overseas information, and consolidating the unity of vassals. However, Satsuma's distinctive local school education enhanced community cohesion, instilled a sense of attachment and commitment to the region among its samurai, and spurred movements toward the Meiji Restoration. This education played a pivotal role in shaping the region's identity and significantly contributed to the success of the Satsuma domain. Hence, Satsuma's unique educational strength played a central role in both the domain's development and the advancement of the Meiji Restoration.

#### **②** A new paradigm shift in future learning, PaGamO combines e-sports and

#### education.



NTU College of Design and Innovation Vice Dean Yeh,Ping-Cheng To address the primary challenge of motivation towards learning among students and employees, a groundbreaking multiplayer game called 'PaGamO' was developed by integrating various academic disciplines and combining education with e-sports. This creation birthed a new gaming category termed 'knowledge combat,' revolutionizing learning and motivation. PaGamO received recognition as the 'Oscar' of the education sector and successfully raised substantial funding. Research revealed a strong correlation between game scores and learning outcomes. Hosting the first Differential and Integral Calculus World Cup using PaGamO gathered numerous participants and viewers, showcasing the power of e-sports among young individuals. Actively expanding into corporate training and medical fields, collaborations with entities like Microsoft and hospitals were established. Pursuing innovative approaches in education and learning, PaGamO has established methods that drastically improve the motivation of students and employees. There's a keen interest in supporting

schools and businesses in Japan, continuing to focus on providing new educational opportunities.

#### **③** Panel Talk

**OChen-en Ko** From Professor Haraguchi's talk, it became clear that the most challenging part for educators is to first instill a sense of crisis in students to want to improve society and the country, which is essential for increasing their motivation. However, there are many resources available in society today, and motivation is dwindling. Focusing on the actions of the younger generation, Mr. Yeh Ping-Cheng pointed out that competing and cooperating in a fun way within games can be a motivation for the youth, and this has been successfully incorporated into business and education. When problems arise, it is necessary to identify the source of the problem, exhibit creativity, and solve it. I was deeply impressed by both Professor Haraguchi, who has a historical perspective, and Mr. Yeh Ping-Cheng, who uses tools in education.

- **OIzumi Haraguchi** Classical literature is something that people from any generation can read. Despite the existence of various devices like AI today, I hope people will experience the joy of learning from our ancestors by reading classical texts as much as possible.
- **OYeh,Ping-Cheng** Education needs to incorporate new concepts. Firstly, it should provide students with more opportunities to apply their knowledge in real-world settings, allowing them to identify what's missing, why they need to study, and connect these experiences to motivate their learning. Creating a system that links real-world problem-solving experiences to students' motivation for studying is seen as a challenge across Asia as a whole.
- **OToshihiko Nishimura** Educating is not only about increasing knowledge but also about how to think and communicate using that information; both are crucial. Education has the power to change the world, make it stronger, and guide us towards a better life. It is truly a powerful tool. I look forward to continued discussions and collaborations in the future.

# (5) Aging and Dementia

Moderator : Stanford University SLDDDRS Co-Director / Toshihiko Nishimura Exawizards Inc Managing Editor and New Business Development / Yohei Ichishima Chaina Medical University Hospital Director of AI Center / Kai-Cheng Hsu

#### ① The actual practice of dementia diagnosis and treatment in home medical care



Medical

Corporation

Suzuran-kai

**Tarou Clinic** 

Naoki Uchida

Director

The actual practice of dementia diagnosis and treatment in home medical care.

At Tarou Clinic in Fukuoka City, they provide home medical care to approximately 1,100 people, primarily focusing on dementia. Home medical care is sought for reasons such as the desire to spend one's final moments in a familiar environment and the shortage of hospital beds due to an increasingly aging society. With society's aging population, there's a shift from 'curing medical treatment' to 'supportive medical care,' emphasizing the importance of home medical care as a practical aspect of primary care. Some patients prefer visits at home over hospital visits. Home medical care not only allows for a holistic approach to patients' health but also provides support to the often exhausted family members and caregivers. Improving the quality of dementia diagnosis and treatment in Japan's primary care, along with enhancing mental health through primary care, is expected to reduce the need for long-term psychiatric care facilities, bringing us closer to an ideal healthcare system.

#### **②** Expanding XR Games for Dementia Prevention



Kanagawa Institute of Technology Associate Professor Hiroshi Suzuki XR technology encompasses VR, MR, SR, among others, allowing for enhanced experiences in both the extraordinary and everyday. However, it poses challenges for children and the elderly due to its complexity and high barriers to entry. To address this, children-oriented XR content, called XR Plus Rafting, merges digital and physical elements to offer an easily accessible experience. This approach, deemed effective for the elderly as well, is envisioned as a means for dementia prevention. There's a desire to leverage XR games to engage cognitive functions and physical activity, foster communication, and simultaneously provide the benefits of dementia prevention. The goal is to offer activities that enable both children and the elderly to enjoy together. By providing such XR content at public facilities and events, the aim is to create spaces where individuals can engage in dementia prevention activities while having fun.

#### **③** Visualization of Mind and Illness with an Ultra-Simple Brainwave Monitor



Keio University Professor Yasue Mitsukura We are conducting research on visualizing mental health and various emotional responses and illnesses using a brainwave monitor. We have developed the world's first real-time emotion recognition device, the "KANSEI Analyzer," based on brainwave data. This device can visualize stress states by analyzing hormonal levels. It not only quantifies and visualizes the emotional state in individuals with severe cognitive impairment in real-time but also serves to support caregivers and families. Additionally, we have developed the "MCI Analyzer" to visualize the pre-dementia state known as Mild Cognitive Impairment (MCI), providing a diagnosis within 15 seconds. This device is contributing to diagnoses in some hospitals. Moving forward, we aim to challenge the measurement of hormonal states from estimated brainwaves by leveraging patents that correlate simple sensors with brainwave monitors and real-time noise removal.

#### **④** The Dementia Friendly City Project



Fukuoka City Aging Society Department Dementia Support Division Manager Koichi Kasai Fukuoka City has been implementing the Dementia-Friendly City Project as part of the "Fukuoka 100" initiative, anticipating the era of a 100-year life and striving to create a model for a healthy and longevity society since 2018. They are committed to building a dementia-friendly community where individuals with dementia and their families can live vibrant lives, fostering a city where all citizens can actively participate in care. This includes introducing dementia-friendly "design" in public facilities, collaborating with businesses, and initiatives like Orange Partners and the Orange Talent Bank, which involve creating designs and products that are considerate of dementia. The Orange Talent Bank incorporates the voices of dementia patients, while businesses actively engage in developing dementia-friendly goods and services. The Dementia-Friendly Center, established in September 2023, serves as a hub where people with dementia actively participate, engaging in interactions and disseminating information.

#### **5** Panel Talk

**ONaoki Uchida** Dr. Uchida, As people age, there's a misconception that everyone will develop dementia. However, it's crucial to notice signs of dementia early, such as increasing daily mistakes, and collaborate with the government to stay connected with society, maintaining roles and purposes.

OHiroshi Suzuki We have placed XR game experience booths, so I highly recommend you try them out.

**OYasue Mitsukura** In the future, with advancements in medical technology, a time may come when dementia becomes curable. Until then, it is crucial to detect dementia at the Mild Cognitive Impairment (MCI) stage. I hope that the developed device contributes to the early detection of dementia at the MCI stage.

OKoichi Kasai I would be grateful if Fukuoka City's initiatives prove useful. In the future, if there are further

insights to draw upon, I would appreciate the opportunity to discuss them.

**OToshihiko Nishimura** I hope that today's speakers, addressing measures for an aging society, can collaborate by exchanging models, sharing success and failure stories. Let's join forces for effective cooperation.

# (6) Advanced Science and Technology

Moderator : Keio University Professor / Yasue Mitsukura

Asia Pacific Association for Academic and Industrial Cooperation Chairman / Chen-en Ko

#### **(1)** WBG Electronics' Contribution to Achieving a Decarbonized Society in the

#### Future



Nagoya University Professor Hiroshi Amano Gallium nitride is crucial for LED lighting and energy-efficient systems, holding promise for improving the efficiency of solar cells and electric vehicles. At Nagoya University, experts collaborate on advancing research in organic semiconductors. Studies utilizing power transistors with gallium nitride face challenges but are progressing toward realizing affordable transistors. New ultraviolet LEDs contribute to water sterilization and enhanced hygiene by using harmless wavelengths to efficiently sanitize water. Concurrently, air purification systems utilizing LEDs are being developed, contributing to infection prevention in medical settings. The goals include promoting the pull-home concept, supplying systems for practical use, supplying systems using gallium nitride devices, and further advancing the development of energy-saving systems using gallium nitride. Progress is also being made in developing energy-saving systems using gallium nitride, aiming for a 15% reduction in energy consumption by 2030 and a 25% reduction by 2050.

#### **②** Innovate a Better Future



ITRI Executive Vice President Pei-Zen Chang

The Industrial Technology Research Institute (ITRI) is focused on the evolution of industrial technology and the outlook for the future. Over the past 50 years, its research has contributed to industrial development, and it plans to continue supporting domestic industries and focusing on global expansion. To this end, it has identified challenges and developments that need to be addressed in the fields of digitalization, green technology, aging population, and leadership training. The '2035 Technology Strategy and Roadmap' aims to realize smart living, high-quality health, a sustainable environment, and a resilient society, advancing technology development in AI, cybersecurity, semiconductors, and smart sensing. In specific areas, it focuses on the use of micro-LED displays and biosignals, environmental protection technologies, energy conversion, and medical technology improvements. Furthermore, to disseminate advanced technology at low cost, it is concentrating on the packaging and reuse of technology. Based on the '2035 Technology Strategy and Roadmap,' it is working on research and device development tailored to needs.

#### **③** Cutting-edge Resourcing Technology for Achieving a Circular Economy



Waseda University Professor Chiharu Tokoro The importance of resource circulation and the circular economy is emphasized, calling for a harmonization of economic growth and environmental constraints. While aiming for innovation and sustainable growth, the emergence of new technologies increases resource demand while also discussing the difficulty of decoupling. Proposals include collaborative waste reduction, promoting the use of recycled materials, and improving separation technologies. Initiatives focusing on using recycled materials from the early stages of production are gaining attention. Ongoing research into separation technology evolution and material separation emphasizing energy efficiency suggest the potential for enhancing supply chains and fostering new innovations. Furthermore, the concept of 'direct recycling,' maintaining functionality while reusing materials in short cycles, has been proposed. Waseda University is dedicating efforts to promoting the circular economy and carbon neutrality, contributing to solving environmental issues through industry-academia collaboration and regional cooperation. It pursues new innovations such as separation technology and the utilization of recycled materials, focusing on contributing to a sustainable economy and environment.

#### **④** Panel Talk

**OChiharu Tokoro** Sure, here's the English translation: "There are already inquiries from overseas companies interested in the Waseda University's CVC Consortium. We welcome their participation as they can take advantage of the convenience of the online environment.

- **OPei-Zen Chang** ITRI is working on the circular economy and has developed recycling technologies for LCDs and solar panels. It is also addressing the issue of carbon emissions in Taiwan's industries. ITRI supports and takes responsibility for Taiwan's industries.
- **OToshihiko Nishimura** It focuses on cooperation between Taiwan, Kyushu and Japan. It is important to share and learn from past experiences.
- **OChen-en Ko** Taiwan's industries are facing carbon issues. ITRI is taking responsibility to address them, but solving them alone is difficult. We support the proposal for cooperation and joint programs with Japan and want to continue discussions towards solving the problem.

# 5. Contents of the event November17(Fri)

# The TAIWAN Matching Hub in Satsumasendai

	Time	Session Name	Speaker's Position / Theme	Name
(1)	9:00	9:00 Speech & Panel Talk	① Examples of Small and Medium-sized	
		"Small and medium enterprises"	Enterprise (SME) Collaboration	
			Maystar Reflex Technology Co.,LTD	Ben Chang
		< Moderator>	General manager	
	SPRINK Co., Ltd. CEO Miwa Won	② Saving the World's knee pain		
		Industrial Technology Investment Corporation Investment Manager	iMU Co., Ltd. CEO	Takeo Nagura
		Joyce Cheng	③ Challenges and Opportunities for Small and Medium-sized Enterprises (SMEs)	
			Everstream Partners Senior Manager	Susan Ko
			<ul> <li>④ Simplified Due Diligence Service for Business</li> <li>Succession Issues</li> </ul>	
			Prossimo Co. Representative Director	Akihiko Horiuchi
			⑤ Panel Talk	
(2)	10:05	Speech & Panel Talk	① The distinctive business achievements of	
		"Venture Capital Finance and ESG"	E.SUN Bank	
		< Moderator > AIRI Capital Pavan Ongole	E.SUN Financial Holding Co.,Ltd CSO	Louis L.Y.Chang
			② Venture and ESG Financing as a Regional Bank	
			Kagoshima Bank Regional support Executive	Yasuhiro Ozasa
			Director	
		SPRINK Co. CEO Miwa Won	③ Introduction of Industrial Technology	
			Investment Corporation	
			Industrial Technology Investment Corporation	Joyce Cheng
			Investment Manager	
			④ Sustainable Empowerment for Women	
			Qisda Independent director	Mandy Huang
			<sup>(5)</sup> An angel fund investing in the United States,	
			India, and Japan.	
			AIRI Capital	Pavan Ongole
			6 Panel Talk	

(3)	11:07	Speech & Panel Talk	① Exawizards Inc Managing Editor and New	Yohei Ichishima
		"How to connect the ecosystems of	Business Development	
		Japan and Taiwan"	② Sozo Ventures Senior Managing Director	Koichiro
		< Moderator >		Nakamura
		Sozo Ventures Senior Managing	③ Formation of the Startup Ecosystem	
		Director Koichiro Nakamura	Ritsumeikan Asia Pacific University Professor	Masanori Fujita
		Exawizards Inc Managing Editor and	④ To create startups that can expand globally	
		New Business Development	FFG Venture Business Partners Co., Ltd.	Yasuhisa
		Yohei Ichishima	Deputy President	Yamaguchi
			⑤ Next-generation regional healthcare platform	
			Medical Corporation Yamato Chairman	Yusuke Tanoue
			6 Industrial Technology Investment Corporation	Joyce Cheng
			Investment Manager	
			⑦ Panel Talk	
(4)	13:50	Speech & Panel Talk	① Opportunities and Challenges of Industrial	
		"From Taiwan to Kyushu"	Collaboration between Taiwan and Japan	
			Asia Pacific Association for Academic and	Chen-en Ko
		< Moderator >	Industrial Cooperation Chairman	
		Industrial Technology Investment	② Smart Hospital and Msdical AI	
		Corporation Investment Manager	Chaina Medical University Hospital Director	Kai-Cheng Hsu
		Joyce Cheng	of AI Center Director	
			③ New opportunities and challenges in Japan-	
			Taiwan collaboration on cutting-edge technology	
			research and industry-academia cooperation.	
			National Yang Ming Chiao Tung	Jeff Chen
			UniversityProfessor	
			④ Panel Talk	
(5)	14:55	Speech & Panel Talk	1 Toward the formation of a new industrial hub:	
		"From Circular city Satsumasendai	The history and lessons of Kawasaki King	
		city to Taiwan"	Skyfront.	
			KING SKYFRONT NETWORK COUNCIL	Ryuta Nomura
		< Moderator >	Chairman	
		KING SKYFRONT NETWORK	② About growth-oriented resource autonomous	
		COUNCIL Chairman Ryuta Nomura	economic strategy $\sim$ Ministry of Economy, Trade	
			and Industry's Resource Recycling Policy $\sim$	
			Kyushu Bureau of Economy, Trade and Industry	Sadahisa Mori
			Environmental Protection and Recycling Division	
			Director	
			③ Resource recycling business by corporate	
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			collaboration	
			Circular Park Kyushu Co., Ltd. Chief Executive	Teruyuki
			officer	Nakadai
			④ Efforts to Collect Used Plastic Products for a	
			Recycling-Oreiented Society	
			Kao Co. ESG promotion Department Executive	Akira Matsumoto
			Director	
			(5) About "tagging", which optimizes the	
			movement of society by turning everything into	
			information	
			Sato Holdings Corporation President Executive	Hiroyuki Konuma
			Officer	
			6 Solutions in Satsumasendai City	
			Satsumasendai City Government Future Policy	Hidetoshi
			Dept. Executive Director	Furukawa
(6)	16:40	The Declaration Satsumasendai	Satsumasendai City Mayor	Ryoji Tanaka
			Stanford University SLDDDRS Co-Director	Toshihiko
				Nishimura
			Asia Pacific Association for Academic and	Chen-en Ko
			Industrial Cooperation Chairman	
			Kagoshima Bank Managing Executive Officer	Hisayuki
				Sakanoue
			Kagoshima Prefecture Governor	Koichi Shiota
			Kyushu Economic Forum Chairman	Susumu Ishihara
			Sozo Ventures Senior Managing Director	Koichiro
				Nakamura
			AIRI Capital	Pavan Ongole

# (1) Small and medium enterprises

Moderator : SPRINK Co., Ltd. Representative Director / Miwa Won Everstream Partners Senior Manager / Susan Ko

# ① Examples of Small and Medium-sized Enterprise (SME) Collaboration



Maystar Reflex Technology Co.,LTD General manager Ben Chang

I will introduce a practical perspective on collaboration and mutual prosperity between small and medium-sized enterprises (SMEs) in Japan and Taiwan. Twenty years ago, I acquired a company on the verge of bankruptcy in Japan, turned it profitable in Taiwan, and successfully established a big global market share in the reflective materials business. At that time, products manufactured in Japan were not entering Taiwan at all. Additionally, price negotiations during the acquisition were not just about business; the combination of business and emotions was crucial.

Japan and Taiwan share a subtle connection. In the context of small and medium-sized enterprises, combining Japan's technological solidity and depth with Taiwan's flexibility and speed could create an international competitive advantage. This synergy has the potential to build a strong position in the global market.

# **②** Saving the World's knee pain



iMU Corporation President & CEO Takeo Nagura

A orthopedic surgeon and startup entrepreneur, I have been researching knee misalignment for over 20 years. Until now, measuring this misalignment, known as the thrust phenomenon, has been challenging. The newly developed device allows input of patient information on a tablet and facilitates easy measurement using a small accelerometer. This device can also be used as a medical device to assess and intervene in knee health at an early stage. The challenges in startup management are people and funding, and the key to success lies in having excellent partners and securing funding. As part of the business growth, the focus is on expanding sales in the important field of numerical medical devices, working towards a vision of predicting and preventing knee pain. The device was completed last December, and we have established a business partnership with Kyocera, actively conducting business. We strive to embody the keyword "No Knees, No Life."

# **③** Challenges and Opportunities for Small and Medium-sized Enterprises (SMEs)



Everstream Partners Senior Manager Susan Ko

In my research, I compare commonalities and challenges in small and medium-sized enterprises (SMEs) in Japan and Taiwan, exploring the potential for future collaboration. Historically, in Japan, SMEs have operated as subcontractors for conglomerates, while Taiwan has grown its business through export-oriented activities such as OEM and ODM. In recent years, SMEs have faced challenges such as the impact of COVID-19, population decline, digitization, aging, and financial issues. Access to skilled labor, in particular, has become a significant challenge.

According to the research findings, while the lack of digital infrastructure poses a challenge for SMEs in Japan, Taiwanese SMEs are concerned about shortages of water and electricity. The results indicate a strong willingness of SMEs in both countries to collaborate. To facilitate collaboration, Japanese SMEs are seeking matching support, while Taiwanese SMEs are looking for public guidance.

Recognizing SMEs as powerful entities in both countries, it is acknowledged that by leveraging each other's strengths, there is the potential for cooperation to generate value greater than the sum of its parts, such as 1+1=2 or more.

# **④** Simplified Due Diligence Service for Business Succession Issues



Prossimo Co Ltd. President &CEO Akihiko Horiuchi

The issue of business succession by aging leaders in small and medium-sized enterprises (SMEs) is becoming critical, leading to many companies facing closure or dissolution. In the fiscal year 2020, despite 61.5% of the 50,000 companies being profitable, a lack of successors is putting them at risk of survival. Particularly in regional areas, the urgent challenge is the aging population. Currently, there is a lack of relative evaluation of corporate value, making due diligence during business succession or M&A challenging.

To address this, a system utilizing AI technology is proposed to evaluate corporate value at a low cost and in a short period. An AI-based financial statement checker analyzes industry averages and compares with other companies, providing insights into management issues and advice. The system can be introduced by regional media to SMEs, enhancing their corporate strength by accurately conveying corporate value. This, in turn, has the potential to facilitate nationwide business expansion for local SMEs.

# **⑤** Panel Talk

**OBen Chang** The key points to success are threefold. The first is people, the second is also people, and the third is people as well. People are crucial. It is essential that everyone involved is a professional. There is a certain intuition involved in this. Mutual understanding is important. Many companies have impressive numbers, but people are the crucial factor.

- **OTakeo Nagura** There are opportunities in both technology and business. For a small startup to conduct business, partners are essential. It comes down to people, after all. After extensive discussions with Kyocera Corporation over a significant period, they became our partners, and finally, we were able to start selling our product. Our current position is a result of the communication with Kyocera Corporation.
- **OAkihiko Horiuchi** I truly believe in the human aspect. Entrepreneurs, especially those in small and mediumsized enterprises, often have intense passion. While it would be ideal to have someone inherit that passion, it's not always the case. In such situations, I take the opposite approach and seek individuals who can quantify and quantify emotions through a numerical perspective, enabling shared understanding. Having tangible data allows us to convey our passion to a larger audience.
- **OSusan Ko** Both Japan and Taiwan have their respective strengths in small and medium-sized enterprises (SMEs). Historically, SMEs have evolved, and there is potential for collaboration in the field of production. Since the Meiji era, Japan has been dedicated to producing highly accurate and high-quality products. Taiwan, on the other hand, has focused on OEM (Original Equipment Manufacturing) and ODM (Original Design Manufacturing), emphasizing efficient production and manufacturing. Collaboration between these two can be beneficial. Taiwanese SMEs have experience in international sales, while Japanese SMEs, having often served as subcontractors for large companies, can benefit from Taiwan's support in international sales. Over these past three days, we have witnessed remarkable potential.

# (2) Venture Capital Finance and ESG

Moderator : AIRI Capital / Pavan Ongole

SPRINK Co., Ltd. Representative Director / Miwa Won

# **①** The distinctive business achievements of E.SUN Bank



E.SUN Financial Holding Co.,Ltd CSO Louis L.Y.Chang E.SUN Bank is determined to overcome three peaks in its business journey: achieving outstanding performance, fulfilling social responsibilities, and progressing towards sustainable development. We envision four stages for our evolution. In the initial 10 years, our focus is on delivering excellent services and establishing robust differentiation. In the next 10 years (20th year), we underwent organizational reforms to enhance efficiency and expertise. In the following 10 years (30th year), we employed over 1,000 technical experts and engaged in technological innovations. In the subsequent 10 years (40th year), we expanded our presence in Asia with 10 countries and 31 branches.

E.SUN Bank boasts a unique corporate culture, distinctive decision-making processes, and a commitment to nurturing talent. We place a high value on youth, even compared to other companies, and prioritize education, extending support to children. Additionally, we focus on areas such as arts, culture, DX (digital transformation), reforestation, and more, aiming to become an outstanding bank in various aspects.

# **②** Venture and ESG Financing as a Regional Bank



Kagoshima Bank Co., Ltd. Regional Support Department Head Yasuhiro Ozasa The central and southern regions of Kyushu, where Kagoshima Bank has its business base, are blessed with abundant nature and tourism resources. It is a region nationally known for its thriving agriculture, forestry, and fisheries industries. Located very close to Asian countries such as Taiwan and Korea, the region has high potential in terms of logistics and tourism. In 2015, Kagoshima Bank and Kumamoto Bank underwent a management integration, giving rise to the Kyushu Financial Group. The comprehensive financial group consists of both banks, securities companies, and regional trading firms, totaling 21 companies, with a history of over 100 years.

The group has a significant presence throughout Kyushu, especially in Kumamoto, Kagoshima, and Miyazaki, where it has multiple branches. In addition, it has representative offices in Shanghai and Taiwan. Regarding Taiwan, the group is building networks locally to sustain the big opportunity presented by TSMC's expansion into Kumamoto. They are actively working to support issue resolution for customers on both the Japanese and Taiwanese sides. The group is involved in venture financing and revitalization support, managing eight funds where it acts as a General Partner (GP, unlimited liability member). Furthermore, they operate funds targeting business succession.

In terms of ESG, the group has set a cumulative target of 1 trillion yen for ESG financing from 2021 to 2030. They are committed to continuously promoting initiatives to contribute to the sustainability of the local community and the group itself.

# **③** Introduction of Industrial Technology Investment Corporation



Industrial Technology Investment Corporation Investment Manager Joyce Cheng I would like to introduce how ITIC supports startups and provide an overview of ITIC's operations. ITIC provides assistance for deep-tech innovation, supporting numerous researchers active in various fields such as IoT. By investing through this network, ITIC has established numerous connections in Taiwan, working with semiconductor companies, the field of biology, and others, with TSMC being one of the portfolio companies. ITIC supports startups by providing both technology assistance (by ITRI) and financial support (by ITIC). Startups require various resources, and the support is designed to reflect the overall activities of Taiwan's companies. Recognizing that startups often lack resources and struggle to stand on their own, the approach involves leveraging global resources and forming partnerships to progress. The goal is to support startups in competing successfully in the global market. Since 2011, ITIC has been a part of the Mitsubishi UFJ Financial Group, enabling it to support Taiwanese startups when they expand to Japan or vice versa. ITIC is committed to supporting startup growth and cost reduction not only in Taiwan but also in various locations worldwide.

## **④** Sustainable Empowerment for Women



Qisda Independent Director Mandy Huang Qisda is a global technology group with over 200 affiliated companies, including 17 listed companies in Taiwan. It engages in the development and expansion of multiple businesses, not only in healthcare and IT but also in areas such as business solutions and communications. Currently, 40.5% of Qisda's workforce consists of female employees. Various benefits, including leave and health check-ups, are provided to female employees. The number of female executives has also increased to 22%, surpassing the figures in Japan (16%) and Taiwan (14%), where growth has recently been observed.

Qisda has achieved remarkable performance and has established departments in many Asia-Pacific regions. All employees enjoy working within the Qisda Group, expressing high satisfaction. They appreciate the improvement in quality across the organization.

# **(5)** An angel fund investing in the United States, India, and Japan



AIRI Capital Pavan Ongole I am currently involved in startup investments in the United States through two mechanisms. One is an angel fund, a fund initiated from scratch. The other is a fund targeting early-stage startups. The angel fund operates in the United States, India, and Japan. What I particularly value in the angel fund is the 'people' aspect. Since we are starting from zero, prioritizing and valuing individuals is crucial. It's not just about discussing sales or business plans, even in the absence of a product; it's about the people. Whether the person is trustworthy and possesses skills is, of course, important, but the most crucial aspect is the understanding that entrepreneurship doesn't often succeed on the first or second try; it tends to succeed on the third or fourth attempt. People who support you in times of struggle are valuable. Even if there is initial failure, if you stick together, you might get another chance. If luck is on your side at that moment, success is possible. Additionally, we focus on 'technology.' Technology holds the power to solve problems. As a venture capitalist, the role of a VC involves 'coaching.' It's not just about talking; it's crucial to work together on sales, fundraising, and other aspects.

# **6** Panel Talk

- **OLouis L.Y.Chang** As a financial institution, E.SUN Bank aims to have a positive impact towards achieving zero emissions by 2050. We encourage small and medium-sized enterprises (SMEs) to take on sustainable initiatives. We want to support teams created by young individuals and those with energetic initiatives. We are committed to initiatives such as digital transformation (DX) and energy management. Developing this platform would also become a beneficial business model for E.SUN Bank. We aspire to collaborate with both public and private sectors in building and advancing these efforts.
- **OYasuhiro Ozasa** We are currently in the process of organizing what falls under the definition of ESG within the Kyushu Financial Group and actively engaging in lending and investment activities that contribute to those defined aspects.

# (3) How to connect the ecosystems of Japan and Taiwan

Moderator : Sozo Ventures Senior Managing Director / Koichiro Nakamura Exawizards Inc. Managing Editor / Yohei Ichijima

# ① Exawizards Inc. Managing Editor / Yohei Ichijima



Exawizards is a sizable AI startup with approximately 500 employees, focusing on using AI to address social issues. They are involved in supporting care facilities and developing software medical devices for dementia diagnosis. While their headquarters is in Tokyo, they also have an office in Fukuoka. I have personal experience working in Silicon Valley, contributing to articles about the innovation ecosystem in the United States. Building ecosystems requires not only startups but also academia and experts. In Seattle, the presence of Microsoft and Amazon contributes to the formation and growth of the ecosystem, with traditional companies also venturing into new fields. Notably, Seattle's administration actively promotes AI.

# **②** Sozo Ventures Senior Managing Director / Koichiro Nakamura



I am a Silicon Valley investor, ranked 55th in the world by Forbes in the Startup Investor Global Ranking (Midas List). Sozo has invested in approximately 60 companies, with the ultimate goal of having over 60% of them exit through IPOs or M&A. The key to success in startup investment lies in a professional team composed of experienced individuals and a replicable system, adapting and improving the system to cope with industry changes. After founding Yahoo Japan and gaining entrepreneurial experience, I attended business school, launched an investment fund at Mitsubishi Corporation, and later went through the Kaufman Fellows Program, a specialized education in startup investment. Feeling the challenges of venture capital, I gathered experts and co-founded Sozo with Wiccam, a globally recognized authority. To carry out and evaluate venture capital activities, the latest knowledge, expertise, and market intuition are essential. As the startup industry becomes more international, the introduction of such specialized education is desired in Japan.

# **③** Formation of the Startup Ecosystem



Ritsumeikan Asia Pacific University Professor Masanori Fujita After working at a general trading company, I am currently serving as a faculty member at Ritsumeikan Asia Pacific University. My expertise lies in science, technology, innovation policy, and the startup field, with a specific focus on ecosystem formation. When comparing the startup ecosystems in Japan and Kyushu with globally successful ecosystems, there is a significant gap. Successful ecosystems are characterized by the formation of a global community. To lead the startup ecosystems in Japan and Kyushu to success, it is crucial to introduce global success experiences and elite education.

# **④** To create startups that can expand globally



Deputy President, FFG Venture Business Partners Co., Deputy President, FFG Venture After graduating from Kyushu University, I accumulated over 20 years of experience at the Development Bank of Japan (currently the Japan Bank for International Cooperation). I established DBJ Capital as an internal venture and operated it for ten years. Seven years ago, I joined FFG Venture Business Partners, newly established through an invitation from Fukuoka Bank. Currently, I manage a venture fund with an asset size of 40 billion yen, making it the largest venture capital in Kyushu.

In this fund, we focus on deep tech investments, particularly in ventures originating from universities. Additionally, we engage in activities closely tied to the region, such as facilitating collaboration between invested companies and local businesses. We also emphasize open innovation, contributing to the establishment of the Kyushu Open Innovation Fund. As an example of our investments, we introduce EV Motor Japan, the first commercial EV manufacturer in Japan, and KAIKO, a venture from Kyushu University that produces vaccines through insect farming, showcasing the startup development scene in Kyushu.

To build the regional ecosystem in Kyushu, we prioritize collaboration with universities. We provide technology commercialization support programs for Kyushu's universities and have established the Kyushu-University Venture Promotion Council as a recipient for private-sector GAP funding. Additionally, as the recipient for the government's GAP funding (New Industry Creation Support Project from University Ventures), we founded PARKS, a coalition of 18 universities in Kyushu, to support researchers aspiring to start their own ventures. Through these initiatives, we actively practice the construction of a startup ecosystem through academia-industry collaboration in Kyushu.

# **(5)** Next-generation regional healthcare platform



Medical Corporation Yamato Chairman Yusuke Tanoue He is a medical professional dedicated to pursuing the sustainability of regional healthcare and contributing to medical activities and the community in the Tohoku region. Recognizing the shortage of medical resources in Tohoku, he has proposed a model to circulate physicians from urban areas. Over the past decade, he has established ten bases in Miyagi Prefecture, providing regional healthcare by strategically placing stations along the Shinkansen routes. He actively participates in the Japan-U.S. Leadership Program, emphasizing the importance of leadership that circulates. He values the circulation of people through regional and international collaboration.

# **(6)** Industrial Technology Investment Corporation Investment Manager

# / Joyce Cheng



Regarding semiconductors, when digitization occurred ten years ago, it was a fantastic development. However, currently, digitization is essential not only for semiconductors but also for various areas such as internet platforms, digital tickets, and the digitalization of products like travel products. There could be categories for expansion in Japan in this regard. It is worth considering investment in such categories. The robotics industry is also expected to be a significant trend in the coming years, especially considering that both Japan and Taiwan are already entering an aging society. Whether it's in the food industry, restaurants, or services like robotic assistance in factories, companies in the robotics sector need to excel in both manufacturing and software. When looking at startups, these two areas are considered crucial in the context of Taiwan.

# 7 Panel Talk

**OMasanori Fujita** In the Japanese government's Basic Plan for Science, Technology, and Innovation, the focus is on AI, bio, quantum computers, and materials. However, research on star scientists based on the number of paper citations reveals that the actual research strengths lie in biology, chemistry, and materials. Particularly, Japanese star scientists are gaining prominence in the field of biology. Japan's strength in AI is not significant. There is a disparity between the areas the Japanese government aims to strengthen and the actual strong fields, highlighting the importance of reinforcing the existing strengths for Japan to compete globally. Fields such as materials, chemistry, and biology become crucial in this context.

- **OYasuhisa Yamaguchi** Kyushu has strengths in various fields such as space, robotics, environment, food, and pharmaceuticals. Notably, Kagoshima University has one of only four fisheries faculties nationwide, and there is also a collaborative veterinary medicine department addressing challenges in livestock and pet care. Leveraging these regional resources effectively, there should be a concentrated investment in the food and bio industries. Kagoshima University's pharmaceutical venture, born out of its School of Medicine, has received investments from a Japan-Taiwan fund supported by the Taiwanese government, highlighting the progress of investments in the bio field with international collaboration.
- **O**Yusuke Tanoue The expansion of life sciences in Japan's aging society has been gaining attention. The challenges of isolation and boredom among the elderly have emerged, and there is a belief that services and products, including healthcare, can provide value to address these issues.
- **OKoichiro Nakamura** Through the session, we were able to take a comprehensive view of the entire industry and explore strategic collaborations and new opportunities that leverage the characteristics of the region. By harnessing the backend manufacturing capabilities and local industries in Kyushu, there is significant potential for environmentally friendly food tech and other fields in the region.

# (4) From Taiwan to Kyushu

Moderator : Industrial Technology Investment Corporation Investment Manager / Joyce Cheng

# ① Opportunities and Challenges of Industrial Collaboration between Taiwan

### and Japan



Asia Pacific Association for Academic and Industrial Cooperation Chairman Chen-en Ko Taiwan and Japan face numerous challenges, and it is believed that having friendly relations is the key to solving them. Japan, with many international companies, possesses strong brand power supported by high technological expertise and quality. However, its international competitiveness has decreased. On the other hand, Taiwan, with a business model characterized by high entrepreneurial spirit and flexibility, has high competitiveness. It is believed that if Japan's challenges in overseas expansion and Taiwan's challenges in technology development complement each other, they can create even greater value. TSMC chose Kumamoto, and E.Sun Bank also chose Kyushu based on rational thinking. Thus, Kyushu holds hidden potential. While Japan sees language and culture as challenges, and Taiwan perceives regulatory issues, the two countries are very similar in distance and culture. Mutual understanding and trust are crucial for the industrial sectors to merge, forming a solid foundation for creating collaborative business relationships. Cross-border collaboration is an essential concept for startups.

# ② Smart Hospitals and Medical AI



China Medical University Hospital Director Kai - Cheng Hsu The utilization of medical AI in fields such as neurology, oncology, gene therapy, and drug discovery is highlighted. Particularly, the introduction of AI in the diagnosis of acute myocardial infarction and ischemic stroke allows physicians to make immediate diagnoses in clinical settings. This approach prevents delays in diagnosis and significantly shortens the time required for treatment. In the case of AI implementation in the treatment of cardiovascular diseases, improvements in patient arrival time and mortality rates are noted. By equipping ambulances with AI and enabling early notification to physicians in cases of suspected acute myocardial infarction, the acceleration of treatment becomes possible. Additionally, there is potential for a system where AI swiftly diagnoses ischemic stroke using non-contrast CT, facilitating the identification of ischemic diseases with greater accuracy and speed. This allows for appropriate treatment approaches to be implemented. The application of AI in healthcare not only reduces diagnosis time and mortality rates but also has the potential to address a wide range of symptoms while maintaining high accuracy. It is believed that the effective and efficient support of patient health by smart hospitals can be achieved through the strategic utilization of AI.

# ③ New opportunities and challenges in Japan-Taiwan collaboration on cutting-

# edge technology research and industry-academia cooperation.



National Yang Ming Chiao Tung University (NYCU) Jeff Chen

The ongoing project is full of hope, and strategic considerations are being made for future prospects. Based on past experiences, there is an understanding that even immature businesses may evolve in unpredictable ways over the course of ten years. Since 2019, efforts have been underway to extend human lifespan and healthspan using iPS (induced pluripotent stem cell) technology. Future challenges include rejuvenation, the Chimera Project, and research on Messenger RNA. In the context of rejuvenation, there is a focus on using iPS technology to slow down the aging process. The Chimera Project involves incorporating human genes into pigs, maturing them, and then transplanting them into other humans—a technology that is actively being explored. Similarly, research on Messenger RNA is progressing through collaboration between Taiwan and Japan. It is believed that these projects should develop as startups. Regarding international collaboration, in the triangular relationship involving Japan, Taiwan, and the United States, the sharing of talent and technology is expected to strengthen cooperative relationships. Emphasizing the importance of looking up at the stars rather than focusing on the present is considered crucial.

# **④** Panel Talk

**OKai-Cheng Hsu** In the digitalization of hospitals, the most challenging aspect lies in the utilization of AI. Doctors are busy, making it difficult to find time for non-clinical tasks, and mastering the use of AI freely is also challenging. Additionally, obtaining approvals becomes a requirement when implementing AI, posing another hurdle.

- **O** Chen-en Ko In Taiwan, Hokkaido is more famous than Kyushu. Kyushu has become well-known for semiconductors, but I think there are more charms to Kyushu than that. Japan and Taiwan have their unique characteristics, and it is important to highlight the unique appeal of each place, to promote it overseas, and to build an image.
- **OJeff Chen** If we can combine Japan's sustained research with Taiwan's sense of speed, we believe it can create a significant market and generate tremendous value.

# (5) From Circular City Satsumasendai City to Taiwan

Moderator : KING SKYFRONT NETWORK COUNCIL Chairman / Ryuta Nomura

# ① Toward the formation of a new industrial hub: The history and lessons of Kawasaki King Skyfront.



KING SKYFRONT NETWORK COUNCIL Chairman Ryuta Nomura The construction of the Kawasaki King Skyfront science park near Haneda Airport was fraught with difficulties. However, it ultimately succeeded due to the support of regional banks, which served as a final stronghold, administrative support, and the backing of Kawasaki City. Regarding this project, I strongly feel the commitment of Satsumasendai City, and I believe that the Circular Park Project will be successful. In creating the Circular Park, it is essential to have a noble cause that is easily understandable by all. It is crucial to have a project leader who will actually lead and personnel committed to executing the project with no way back. There must be concrete companies to carry out the business and a solid business model in place. It is vital for the administration to tackle this job seriously and for everyone involved to work as a team.

# **2** About growth-oriented resource autonomous economic strategy

# ∼Ministry of Economy, Trade and Industry's Resource Recycling Policy∼



Kyushu Bureau of Economy, Trade and Industry Environmental Protection and Recycling Division Director Sadahisa Mori In order for humans to live and thrive on Earth, it is crucial to recognize the limitations of resources and contemplate how to grow within those boundaries. Achieving the simultaneous goals of sustaining activities without surpassing planetary boundaries and realizing well-being (human happiness) is essential. Therefore, there is a need to transition from a Linear Economy to a Circular Economy and, further, establish a "growth-oriented resource-autonomous economy" that fosters economic growth while controlling resource and environmental risks.

It is important to note that efforts in resource circulation should not merely result in increased costs, as sustainability is compromised in such cases. To ensure sustainability, initiatives must be visualized and integrated into the lives of consumers, connected to specific values. Seamless integration across the design-manufacturing stage, sales-usage stage, and recovery-recycling stage is necessary, and efforts should involve the organic collaboration of upstream and downstream industries through a concept known as "dynamic-vein collaboration." This ensures a holistic approach to resource circulation, where industries work together cohesively.

# **③** Resource recycling business by corporate collaboration



Circular Park Kyushu Co., Ltd. Chief Executive officer Teruyuki Nakadai The goal is set to achieve carbon neutrality by the year 2050, with a 46% reduction by 2030. To prevent global warming, collaboration with companies is sought to address resource circulation. Waste disposal companies not only focus on recycling but also play a role in connecting people who use discarded items, contributing to the resource circulation aspect. Additionally, waste disposal involves proper handling, recycling, and the production of higher-level materials, encompassing three roles in resource circulation.

Circular Park Kyushu aims to emphasize recycling and resource circulation. Leveraging the technology boasting a recycling rate of 99% from Nakadai Corporation, where I serve as the representative, Circular Park Kyushu intends to utilize this in its Solution Business and Resourcing Business. In the Solution Business, the focus is on creating systems for future challenges in resource circulation, such as the recovery of solar panels.

The vision of Circular Park Kyushu is to establish a facility in Satsumasendai City that possesses the technology to recycle large amounts of waste and use them as domestic resources. Furthermore, acting as the core, Circular Park Kyushu aims to collaborate with Satsumasendai City and other companies, initially creating a resource circulation supply chain and platform for the entire Kyushu region.

# **④** Efforts to Collect Used Plastic Products for a Recycling-Oreiented Society



Kao Co. ESG promotion Department Executive Director Akira Matsumoto Kao Corporation adheres to the principle of "Good Quality Manufacturing" and conducts product development based on field insights, including home visits and feedback from call centers. However, facing the challenge of annually producing and selling 100,000 tons of plastic products, there is a need to address the issue of plastic waste. To reduce plastic usage, Kao promotes initiatives such as refillable options and compact packaging. Additionally, in 2023, they set the goal of achieving "Zero Plastic Waste" and successfully launched horizontally recycled products. To address challenges related to household plastic waste collection and recycling for horizontal recycling, Kao is conducting an experimental plastic container collection in approximately 1,300 households in Satsumasendai City. Through this experiment, they aim to build a model that allows for cost-effective and large-scale collection, and based on the feedback gathered through household surveys, they intend to progress toward a Satsumasendai-based model for circular societal and regional development, extending its application to Kyushu, Japan, and Asia.

# **(5)** About "tagging", which optimizes the movement of society by turning

# everything into information



Sato Holdings Corporation President and Group CEO Hiroyuki Konuma

We started with manufacturing bamboo processing machines and, in line with the trends of the times, expanded our business to provide solutions utilizing automatic identification technology centered around hand labelers and barcode printers. Our focus markets include retail, apparel, manufacturing, logistics, and healthcare (hospitals and pharmaceuticals). Our business revolves around the concept of Tagging, which involves providing, connecting, and leveraging information for people and things. We provide information to individuals and objects, connect this information to higher-level systems, and analyze it for practical use.Entering the era of IoT, we also utilize technologies like IC tags (RFID) and sensors, allowing us to collect a more diverse range of information than ever before. Looking ahead, our long-term strategy is "Tagging for Sustainability." Leveraging the expertise we've developed in tagging on the arterial side, we aim to visualize the processes from waste collection to processing and the management of recycled materials. Specifically, we aim to build a traceability system for waste, contributing to the stable supply of recycled materials. We strive to optimize societal movements through information technology, addressing global and human-scale sustainability challenges, and extending our efforts from Kyushu to the world.

# **(6)** Solutions in Satsumasendai City



Satsumasendai City Government Future Policy Dept. Executive Director Hidetoshi Furukawa

Satsumasendai City is eager to further accelerate and develop towards the realization of an SDGs Future City. In pursuit of sustainable and attractive urban development, they aim to collaborate with businesses, academia, government, citizens, and communities in the realm of Circular Economy. They particularly express interest in collaborating with Circular Park Kyushu, envisioning cooperation on resourcing and recycling initiatives. While there may be questions about the viability of resource and recycling businesses, they believe it is achievable and express a strong desire to work together on this endeavor.

# ⑦ Panel Talk

**O**Teruyuki Nakadai To create a movement for the Circular Economy, there is currently a need for more participation. If there are companies interested in resource recycling or circular economy businesses, please don't hesitate to reach out to Circular Park Kyushu.

**OSadahisa Mori** To capture and expand the market as a business, it is crucial to visualize information and gain the cooperation and understanding of the public. Considering the possibility of a nationwide movement, creating a conducive environment for the success of the business is essential. Given the ongoing efforts at the Ministry of

Economy, Trade and Industry to support model creation and verification, there is a desire to continue providing assistance.

- **O**Akira Matsumoto Certainly, by demonstrating the kind of future and society that awaits, citizens can enthusiastically engage in the initiative. There is a desire to make the Satsumasendai Declaration more concrete and positive. Conducting practical experiments in Satsumasendai City and securing significant cooperation from the citizens is crucial. The goal is to achieve tangible results through these efforts.
- **OHiroyuki Konuma** It's our observation that, from a global business perspective, Japan's efforts in the circular economy are lagging behind compared to Europe. Leveraging our strength of getting involved in practical situations, we aspire to initiate new endeavors from Satsumasendai, creating a movement that can transform not only Japan but the entire Asian region. We are committed to working towards this goal.
- O **Hidetoshi Furukawa** Satsumasendai is in the process of formulating its 3rd Satsumasendai City Comprehensive Plan, scheduled to start in 2025. In addition to establishing a vision, the city aims to provide the field as a demonstration site for continuous initiatives. By advancing network development and collaborating with the support of national and prefectural authorities, the city aspires to share and broadcast such initiatives, addressing challenges alongside its citizens to overcome them together.

# (6) The Declaration Satsumasendai

# **(Declaration)**

- Satsumasendai City Mayor / Ryoji Tanaka
- Stanford University SLDDDRS Co-Director / Toshihiko Nishimura
- Kagoshima Bank Managing Executive Officer / Hisayuki Sakanoue
- Asia Pacific Association for Academic and Industrial Cooperation Chairman / Chen en Ko

### **〈Endorsements〉**

- · Kagoshima Prefecture Governor / Koichi Shiota
- Kyushu Economic Forum Chairman / Susumu Ishihara
- Sozo Ventures Senior Managing Director / Koichiro Nakamura
- AIRI Capital / Pavan Ongole
- Fukuoka Federation of Business Executives Chairman / Senji Kobayashi





Toshihiko Nishimura



Ryoji Tanaka



Koichi Shiota



Koichiro Nakamura



Chen-en Ko



Susumu Ishihara



Pavan Ongole

# The Declaration of Satsumasendai

# KYUSHU TAIWAN CREATIVE WEEK The Declaration of growth-oriented behavior for economic and social human resources towards 2050

Global average temperatures have increased by 1.09 degrees over the period 2011-2020 compared to pre-industrial times, and global warming has been called as the era of global boiling. In addition, environmental problem is becoming more serious, with predictions that the amount of plastic waste in the ocean will exceed the weight of fish by 2050.

In 2015, the United Nations set out Sustainable Development Goals (SDGs) to realize a sustainable world. Countries around the world must maintain activities that do not exceed planetary boundaries (the limits of the earth) and promote Well-Being by creating a virtuous cycle of the environment, society, and economy and realizing a sustainable society. The aim is to simultaneously achieve this goal and realize a decarbonized society by 2050.

On the other hand, in Japan, a rapid population decline due to a decaling birthrate and a constriction in the scale of the economy are predicted, and there are concerns about further weakening of rural areas. In response, Satsumasendai City issued the Satsumasendai City Future Creation SDGs/Carbon Neutral Declaration (June 2021) and was selected as an SDGs Future City by the government (Cabinet Office) (May 2022). Currently, we are trying to create an economic society where people can feel happy through a circular economy.

From now on, countries around the world and Japan need to create a wonderful future while considering changes in the global economy and society. And Satsumasendai City needs to realize a circular city. To achieve this, we must overcome many challenges, but the source of this is pir spirit of challenge. In our hometown, there is teaching that says," Nakokai, Tobokai, Nakoyokahittobe" This means that when you encounter difficulties, don't think too much and just do something.

At this Kyushu Taiwan Creative Week, we believe

- 1 The necessity and significance of collaboration by each tier such as industry, government, academia, and finance in Kyushu and Taiwan.
- 2 The collaboration between Kyushu and Taiwan should be complementary.
- 3 The importance of continuing cooperation between Kyushu and Taiwan.

In this way, I was able to obtain hints for establishing a network of economic human resources and developing global human resources. Taking this opportunity, Satsumasendai City hereby declares," We will continue to act in a growth-oriented manner to take a leap towards realizing a sustainable and better future. "

November 17,2023

# KYUSHU TAIWAN CREATIVE WEEK

THE TAIWAN KYUSHU EXCECTIVE COMMITTEE

Toshihiko Nishimura (Stanford University) Ryoji Tanaka (Satsumasendai City) Hisayuki Sakanoue (Kagoshima Bank) Chen-en Ko (Asia Pacific Association for Academic and Industrial Cooperation)

# 6. Speaker's Profiles

# (1) Kyushu Economic Forum Chairman / Susumu Ishihara [Day1 • Day3]



Born in Tokyo in 1945. Graduated from the Faculty of Law at the University of Tokyo. Appointed President and CEO of Kyushu Railway Company in June of 2002. Currently serves as a Special Advisor to the same company. Formerly held positions include Chairman of the NHK Board of Governors, Representative Secretary of the Fukuoka Economic Association, Vice Chairman of the Kyushu Economic Federation, Chairman of the Kyushu Tourism Promotion Organization, Honorary Consul General of the Republic of Turkey in Fukuoka, and President of the University of North Kyushu.

# (2) Satsumasendai City Mayor / Ryoji Tanaka [Day1 • Day2 • Day3]



Born in Taumi-cho, Satsumasendai City. Graduated from Kyushu University. Worked as a city employee for 27years and 4 months. After serving as director of the city planning division and planning division of the former Sendai City, He was involved in the merger of 1 city, four towns, and four villages as secretary general of the Sensatsu area legal ,merger council.

After the merger of municipalities, he became the Executive director of the Planning Policy Department After that, he retired from Satsumasendai City Government and served four terms a member of the Kagoshima Prefectural Assembly. He has been mayor of Satsumasendai since November 2020 and is currently serving his first term.

# (3) Kyushu Economic Federation Chairman / Sumio Kuratomi [Day1]



Born in Fukuoka Prefecture in 1953. Graduated from the Faculty of Law at Aoyama Gakuin University. Appointed President and CEO of Nishi-Nippon Railroad Co., Ltd. in June of 2013. Currently serves as the Chairman of the Board of Directors of the same company, President of the Fukuoka Prefecture Employers' Association,

#### Kagoshima Prefecture Governor / Koichi Shiota [Day1 · Day3] (4)



October 1965 March 1988 April 1988

June 2018

July 2020

Born in Kagoshima City, Kagoshima Prefecture. Graduated from the Faculty of Law, University of Tokyo. Entered the Ministry of International Trade and Industry.Served as the Chief of Hitoyoshi Tax Office, Kumamoto National Tax Agency, First Secretary at the Embassy of Japan in Italy, and Councilor of the Minister's Secretariat at the Ministry of Economy, Trade and Industry. Director of the Kyushu Bureau of Economy, Trade and Industry. December 2019 Retired from the Ministry of Economy, Trade and Industry.

Assumed the position of Governor of Kagoshima Prefecture.

#### Sozo Ventures Senior Managing Director / Phil Wickham [Day1] (5)



Phil Wickham is a Founder and Senior Managing Director of Sozo Ventures.Prior to founding Sozo, he founded and sold a media startup in Tokyo. He then served as general partner of JAFCO America Ventures and ran the U.S. operation of Copan, a Munich, Europe-based VC firm. He also served as CEO and then Chairman Emeritus of Kauffman Fellows, a venture capital organization that develops the next generation of venture capital leaders, and is widely recognized as one of the leaders in globalizing the program, expanding its participants to over 40 countries and internationalizing the venture capital industry. He has supported a number of funds established by former Kauffman Fellows, including the Creandum Fund, where he serves as an advisor emeritus. He also teaches at Stanford University's Graduate School of Engineering and is a visiting professor at Waseda University's School of Business.

# (6) Kagoshima University President / Akira Sano [Day1]



After graduating from the Faculty of Medicine at Kobe University, became a professor at the Faculty of Medicine at Kagoshima University in 2002, and assumed the position of President of Kagoshima University in April of 2019. Served in various roles including Director, Representative, and Certified Physician of the Japanese Society of Psychiatry and Neurology; Director of the Japanese Society of Biological Psychiatry; Director of the Kyushu Neuropsychiatric Association; President of the Kagoshima Neuropsychiatric Association; Councilor, Specialist, and Certified Instructor of the Japanese Society of Geriatric Psychiatry; Councilor, Specialist, and Certified Instructor of the Japanese Society of Neuropsychiatry; Councilor of the Public Interest Incorporated Foundation for Medical Education Promotion; and Coordinator of research for the Schizophrenia Research Society.

# (7) Kyoto Prefecture University President / Yasuhiro Tsukamoto [Day1]



Born in Kyoto Prefecture in 1968. Completed a doctorate program (Doctor of Veterinary Medicine) at the Graduate School of Osaka Prefecture University in 1998, specializing in infectious disease science, particularly the infectious pathology of birds. Began extensive research on ostriches and ostrich antibodies in 1997. Became an assistant in the Faculty of Agriculture at Osaka Prefecture University in 1998, served as an associate professor from 2006, then became a professor at Kyoto Prefectural University in 2008, and assumed the position of President of Kyoto Prefectural University in 2020. Established the Kyoto Prefectural University-launched venture company "Ostrich Pharma Corporation" in 2008. Subsequently, he has been instrumental in establishing numerous university-launched venture companies both domestically and internationally.

# (8) Asia Pacific Association for Academic and Industrial Cooperation Chairman / Chen-en Ko [Day1 • Day2 • Day3]



Professor Ko's career spans from academic to public and business sectors over the years. He was former dean of College of Management, National Taiwan University. He also served as Chairman & President of Chung-Hua Institution for Economic Research (a government-sponsored think tank). He was a member of Economic Advisory Group to the President. He was appointed as a Supervisor in Board of Central Bank of ROC(Taiwan). In addition, he served as an Advisor of Science & Technology to Executive Yuan (Taiwan's cabinet). On business side, he served as Supervisor and Director (separately) in Taiwan Stock Exchange, Taipei Exchange as well as many public companies overtime.

Currently, he is the Chairman of APAAIC to promote academic and industrial collaboration across borders, especially between Taiwan and Japan. He is now Professor Emeritus at National Taiwan University and a visiting professor at Keio University. He is invited as advisor to Industrial Technology Research Institute and Visiting Chair to National Biomedical Research Park. He also serves as independent board directors in Far Eastern New Century Company and other companies. He continues to provide educational and training programs for public and private organizations.

# (9) The Central Institute for Experimental Animals a public interest incorporated foundation President, KING SKYFRONT NETWORK COUNCIL Chairman / Ryuta Nomura [Day1 · Day3]



Graduated from Keio University Faculty of Business and Commerce. Joined Mitsui & Co., Ltd., where he was in charge of pharmaceuticals, medical care, and biotech-related products. Experienced in sales and as a secretary to executives in Tokyo, Osaka, New York, Düsseldorf, and Singapore, he left the company in 2003 after serving as the head of the biotech business. Joined the Central Institute for Expe rimental Animals and served as Managing Director before becoming President in 2013. Currently, he is the Chairman of the Kawasaki Tonemachi King Skyfront Network Council, a visiting professor at Fujita Health University, and serves as an external director for five domestic and one overseas company.

## (10) Stanford University SLDDDRS Co-Director / Toshihiko Nishimura [Day1 • Day2 • Day3]



Originally from Ichikikushikino City, Kagoshima Prefecture. After graduating from the Faculty of Medicine and the Graduate School of Tohoku University, worked at the Stanford University School of Medicine from 1997 conducting clinical and basic research. Since 2015, affiliated with the Department of Anesthesiology and appointed as the Director of the Drug Discovery and Medical Device Development Organization based on achievements as a clinician and basic researcher. Formerly served as an Advisor for the National Research and Development Corporation, Japan Science and Technology Agency (JST), and as an Evaluation Committee Member and Advisor for the National Research and Development Corporation, Japan Agency for Medical Research and Development, SCARDA.

### (11) ITRI Executive Vice President / Pei-Zen Chang [Day1 · Day2]



Dr. Pei-Zen Chang joined ITRI in 2016 and is responsible for supervising industrial technology R&D, international cooperation, and venture capital businesses. Prior to ITRI, he served as the Deputy Executive Secretary of Executive Yuan Scienc e and Technology Advisory Group and Adjunct Consultant to the Ministry of Economic Affairs, promoting the development of forward-looking technologies for Taiwan. He was also a professor and Secretary-General at National Taiwan University (NTU), where he was dedicated to basic technological research and fostering industry-academia cooperation.

Dr. Chang has been spearheading ITRI's technological R&D in information, communications, electronics, optoelectronics, and biomedical technologies. Recent focuses include artificial intelligence, 5G communication systems, semiconductors, displays, Internet of Things, cell therapy, and precision medicine.

# (12) Representative Director of Grand Vision Inc. / Kenichiro Nakao [Day1]



Gained experience as a planner at an advertising agency while still in university, then transferred to Dentsu Kyushu. Worked as a tourism promotion and event planner. Founded Grand Vision Inc. in Fukuoka at the age of 36 and opened a Tokyo office in 2014. Specializes in business production, supporting client growth and problem-solving. Utilizes knowledge of direct marketing to contribute to increased sales for clients through effective business strategies and creative production.

# (13) CEO and Representative Director of ecommit Co., Ltd. / Teruyuki Kawano [Day1]



After graduating from high school, joined a second-hand goods export company and, after a four-year apprenticeship, founded ecommit at the age of 22. After founding the company, he witnessed the environmental impact of Japanese electronic waste exported to China and decided to stop all exports of untraceable second-hand goods, realigning the company's focus on environmental issues. Currently, he is expanding a circular economy promotion business for companies and municipalities nationwide, centered on a proprietary system developed by his company.

## (14) Representative of hataori LLC / Kuuga Takagashi [Day1]



Born in February 1996 in Kagoshima City, Kagoshima Prefecture. Spent college years in Kitakyushu City, Fukuoka Prefecture, and wanted to work in community development, leading to a U-turn to Kagoshima during studies. Participated in the launch of the NPO SELF, with the mission to "co-create a society overflowing with people who seem to enjoy life, together with everyone involved," and is active throughout Kagoshima Prefecture in matters relating to youth. In order to create a culture where young people, regions, and companies transcend boundaries and nurture each other, the Life Design Academy MOKUMOKU has been implemented since 2022.

# (15) Representative of Letheany & Co. LLC / Natsuka Ogawa [Day1]



Originally from Kumamoto Prefecture, graduated from the Faculty of Law at Doshisha University. After working in the corporate sales division of Sumitomo Mitsui Banking Corporation, transitioned to a career in acting. Notable works include "Nobunaga Concerto" and "Ito En Oi Ocha." Studied abroad at the Beijing Film Academy in 2019. Appointed as the Oshima Tsumugi Queen. Relocated to Kagoshima in 2023. Started a business with the desire to enrich people's hearts through movies and the arts, and is currently holding screenings in Kagoshima under the theme of "Contemplating Life through Movies." She is planning events rooted in the local community and fostering young artists, aiming for regional revitalization and solving social issues.

## (16) Kyushu Economic Forum Standing Director / Masahiro Koga [Day1]



Born in Omuta City. Joined Kyushu Matsushita Electric Co., Ltd. in 1991 and was engaged in human resources-related work within the Panasonic Group for approximately 20 years.

Completed the Graduate School of Economics at Kyushu University in 2008 with an MBA (Master of Business Administration).Secretary General of the Fukuoka Prefecture Small and Medium Enterprises Managers' Association Federation

Permanent Director of the Kyushu Economic Forum

Managing Director of the Kyushu Internship Promotion Association (a corporation)

## (17) APAMAN Co., Ltd. Representative Director & President [Day1 • Day2]



Graduated from the Graduate School of Sport Sciences at Waseda University. President and CEO of APAMAN Co., Ltd. Director of System Soft Co., Ltd. Member of the Cabinet Office's Council on Measures to Counteract Declining Birthrate. Founder of the specified non-profit organization Meeting Support Center JUNOALL.

# (18) Fukuoka Branch Taipei Economic and Cultural Office Consul General /Bruce Chen [Day2]



Born in Hualien Prefecture, eastern Taiwan. Born in March 1964 and 59 years old.

Graduated from the Department of Korean Language, Chinese Culture University.

1991 Administrative Officer, Asia-East Pacific Division, Ministry of Foreign Affairs, Taiwan

1993 Administrative Officer, Department of Information and Culture, Ministry of Foreign Affairs, Taiwan

2004 Taiwan Representative in Japan Supplementary Officer Taipei Economic and Culture Representative Officer.

2008 Taiwan Counselor in Japan Taipei Economic and Cultural Representative.2012 Deputy Director of the Taipei Economic and Cultural Office in Boston.

2018 Director of the Information Office of Taiwan's Presidential Office.

2021 Director, Taipei Economic and cultural Affairs Office in Fukuoka.

In addition to his research activities in international relations at the University of the Ryukyus and Keio University, and as a visiting scholar at the University of California, Berkeleyan Harvard University, He received his M.A. and Ph.D. from Osaka University of Foreign Studies(now Osaka University).

# (19) Kumamoto Prefecture Deputy Governor / Takashi Kimura [Day2]



Born on May 21,1974. 49 years old. Born in Shibuya-ku, Tokyo. Graduated from the University of Tokyo, Faculty of low. He joined the former Ministry of Home Affairs in 1999. After working in Tottori Prefecture and the election department of the Ministry of Internal Affairs and Communications, he served as Chief Councilor and Director of the Commerce, Industry, and Labor Policy Division, Kumamoto Prefecture, Policy Advisor Supervisor of the general Manager of the General Affairs Department in Kumamoto Prefecture from July 2012. In 2016, he was Director, Public Enterprise Division, Local Government Finance Bureau, Ministry of Internal Affairs and Communications, Planning Officer attached to Counselor(General Affairs), Secretariat for the promotion of Regional Development, Cabinet Office in2017, and Director, Regional Development, Cabinet Office,Disaster Prevention Division,Nationak Protection and Disaster Management Agency in 2019 before assuming his current position.

# (20) TSMC Senior Vice President / Lora Ho [Day2]



Lora Ho is the Senior Vice President of Human Resources for TSMC. Ms. Ho joined TSMC in 1999 and worked as Corporate Controller before serving as Chief Financial Officer and Spokesperson from 2003 to 2019. And later she served as Senior Vice President, Europe and Asia sales from 2019 to 2022. Also, Ms. Ho is the ESG Committee Chairwomen since 2011.

# (21) Fukuoka Federation of Business Executives Cahirman / Senji Kobayashi [Day2]



Chairman, Fukuoka Federation of Business ExecutivesVice Chairman, Kyushu Economic ForumPresident and Chief Executive Officer, Fukuoka Logitem Co.【Transportation and logistics】We build optimal logistics systems from distribution prosessing to information system management. In the field Based on the know how of the leader in this field, the company will enhance its logistics function not only in Japan but also in the developing Asia

## (22) Sozo Ventures Senior Managing Director / Koichiro Nakamura [Day2 · Day3]



While studying law at Waseda University, he was involved in the founding and establishment of Yahoo Japan with Taizo Son.

At Mitsubishi Corporation, he worked in the telecommunications Carrier and investment business, including the in the incubation fund business. He earned his law degree from Waseda University and his MBA from the University of Chicago. Graduated from Kauffman Fellows, a venture capitalist training institute in 2012. Founded Sozo Ventures in the same year. First Japanese to be ranked 72nd in the 2021 edition of midas list 100, a global ranking of venture capitalists,55th in the 2023 edition.

Advisor at the University of Chicago's Entrepreneurship Education Center, and a member of the Tokyo Institute of Technology's Management Advisory Committee.

# (23) Circular Park Kyushu Co., Ltd President Chief Executive Officer/Masaru Haruki [Day2]



He joined Kyushu Electric Power Co. For five years from 2015, engaged in communication activities at the company's Sendai Nuclear general Office(Satsumasendai City).In2021, he was served as the company's location communication division power supply regional co-creation manager, A new company, "Circular Park Kyushu Co. ,Ltd,", will be established on July 26,2023,in order to realize the "circular Park Kyushu "Concept, which will turn the site of the Sendai Thermal Power Plant, which was abolished in April 2022,into a resource recycling base.

# (24) Kagoshima University Director of Southern Kyushu and Nansei Islands Center / Shigeru Fujieda [Day2]



Founder and Secretary General of the Japan Driftological Society. Representative Director of Japan Environmental Action Network. Advisor for Yoron island "Unjami". Former Professor, Faculty of Fishery, Kagoshima University. Since Participating in volunteer work to recover heavy oil during the Nakhodka heavy oil spill accident in the Sea of Japan in 1977, he has conducted research aimed at improving marine litter in parallel with volunteer coastal cleanup activities.

# (25) AIRI Capital / Pavan Ongole [Day2 • Day3]



Pavan Ongole is a venture investor, company advisor, and operator, managing a portfolio of technology startups through his firm Airi Capital. Pavan invests in his three home countries US, India and Japan.

Pavan is also a partner at MFV, an early stage deep tech VC fund in Silicon Valley, focused on Computing, Climate, Robotics, EV and AI.

Previously, Pavan was a Director at SoftBank CEO office investing in US and India. During his tenure as investment lead of SoftBank India joint venture he has originated, conducted due diligence and closed investments in AI, security, healthcare, telecom, messaging, mobility and eCommerce. Earlier in his career, Pavan held operational roles in Sales, Business Development and Coding working out of India, Hong Kong, Korea and Japan.

Pavan also mentors students, ed-tech and fem-tech entrepreneurs and participates as a volunteer alongside political associations to get citizens to vote in a bid to reboot American democracy. Pandemic led Pavan to dig deeper into US healthcare and gave a new impetus to fight the inequalities and inefficiencies in it with technology as the core part of a multimodal solution.

Pavan lives with Masako and their two daughters in the bay area, California. When not working to deal with aging Japan, reform US educational system, and provide access to water in India, Pavan is a west coast skier, tennis coach, ever recovering runner, average-proficiency board gamer, student of violin and ballet from his kids and dreams of flying a Cessna solo someday.

# (26) Satsumasendai City Government Future Policy Dept. Executive Director / Hidetoshi Furukawa 【Day2 • Day3】



He joined Sendai City(at that time) in 1987. After the 2004 municipal merger(1city,4towns, and 4villages), Satsumasendai City created, he served as the director of the secretary's office in2008, the director of the city sales division, the director of the city tourism sports measures division, the Executive Director of the commerce industry tourism department, and the Executive Director of the Planning policy Department. Current Position from April 2022.

# (27) Industrial Technology Investment Corporation Investment Manager / Joyce Cheng [Day2 • Day3]



She invests primarily in venture capital funds in Japan and Taiwan as an investment manager at ITIC.

# (28) Shigakukan University Professor / Izumi Haraguchi [Day2]



Born in 1947. Graduated from the affiliated high school of the University of Nebraska, Kagoshima Prefectural Konan High School, and the Faculty of Letters at the University of Tokyo with a major in Japanese history. After completing the doctoral program at the University of Tokyo, he began his tenure at Kagoshima University in 1979. During his time as a professor at Kagoshima University, he concurrently served as the Director of the Lifelong Learning Education Research Center. From 2012 to 2021, he was the director of the Kagoshima Prefectural Library. Currently, he is a professor in the Faculty of Human Relations at Shigakukan University and an honorary professor at Kagoshima University. His expertise lies in the history of modern and early modern Japan. He primarily researches the history of southern Kyushu and the Satsuma domain within the context of their connections with the Ryukyu Islands, Korea, China, and East Asia. He has contributed to the historical accuracy of various Japanese historical dramas such as "Shinsengumi!", "Ryukyu no Kaze", "Atsuhime", "Segodon", and the serialized novel drama "Asa ga Kita". In 2022, he received the Kagoshima Prefecture Citizen's Award.

# (29) NTU College of Design and Innovation Vice Dean / Yeh, Ping-Cheng [Day2]



Vice Dean, College of Design and Innovation, NTU Founder, PaGamO/Bonio Inc. Professor, EE Dept., NTU

# (30) Medical Corporation Suzuran-kai Tarou Clinic Director / Naoki Uchida [Day2]



Director and Chief Physician, Taro Clinic of Suzuran-kai Medical Corporation, Psychiatrist, Doctor of Medicine. Specializing in dementia care, actively involved in home medical care, and spearheading initiatives to establish Fukuoka City as a dementia-friendly community. Holds positions in various organizations related to dementia, home healthcare, including being a standing director of the National Network for Medical, Care, and Citizen's NPOs for Regional Coexistence and a board member of the Society for Care Information of Everyone. Dr. Uchida has been involved in telemedicine even before its insurance coverage and actively engages in programming, demonstrating a proactive approach towards leveraging technology.

# (31) Kanagawa Institute of Technology Associate Professor / Hiroshi Suzuki [Day2]



Institute of Technology Develops and produces workshops and edutainment systems utilizing cutting-edge technology. Engages in exhibition and presentation activities at science museums and educational events nationwide. Involved in planning, researching, and developing systems combining children's analog creative work with digital expressions, such as "Fight! Our Shadow Robots" and "Hyper Blurble Sprint.

# (32) Keio University Professor / Yasue Mitsukura [Day2]



Started as an assistant at the Faculty of Engineering, Department of Intelligent Informatics at Tokushima University in April 1999, later becoming a lecturer at Okayama University in 2001. Joined Keio University in April 2011 as an associate professor in the Department of System Design Engineering, Faculty of Science and Technology, and was promoted to full professor in April 2018. Holds a Ph.D. in Engineering and a Ph.D. in Medicine. Engages in research related to biosignal analysis, brain neuroscience, and psychiatric disorders. Holds memberships in IEEE, the Japan Respiratory Society, the Japanese Society for Higher Brain Dysfunction, the Japanese Neuropsychology Society, the Society of Instrument and Control Engineers, among others.

# (33) Fukuoka City Aging Society Department Dementia Support Division Manager / Koichi Kasai [Day2]



Joined Fukuoka City Hall in April 1995, starting as a caseworker for the homeless. Over the years, worked in various departments including the Board of Education, Personnel Committee, "Nenrinpikku Fukuoka 2005" Fukuoka City Executive Committee, and the Environmental Bureau, gaining diverse experience. Since April 2017, has been involved with the Health and Welfare Bureau (currently Welfare Bureau). Spearheaded the "Dementia-Friendly City Project" from its inception and has held the current position since April 2022.

### (34) Nagoya University Professor / Hiroshi Amano [Day2]



Started as an assistant at the Faculty of Engineering, Department of Intelligent Informatics at Tokushima University in April 1999, later becoming a lecturer at Okayama University in 2001. Joined Keio University in April 2011 as an associate professor in the Department of System Design Engineering, Faculty of Science and Technology, and was promoted to full professor in April 2018. Holds a Ph.D. in Engineering and a Ph.D. in Medicine. Engages in research related to biosignal analysis, brain neuroscience, and psychiatric disorders. Holds memberships in IEEE, the Japan Respiratory Society, the Japanese Society for Higher Brain Dysfunction, the Japanese Neuropsychology Society, the Society of Instrument and Control Engineers, among others.

# (35) Waseda University Professor / Chiharu Tokoro [Day2]



Specializes in Resource Circulation Engineering, Chemical Engineering, and Powder Engineering. Career: Started as an assistant at the Faculty of Science and Engineering, Waseda University, then progressed to lecturer and associate professor roles before assuming the position of professor in 2015. Holds crossappointments as a professor in the Department of Systems Innovation at the Graduate School of Engineering, University of Tokyo, and as a specially appointed professor at the Institute of Industrial Science, University of Tokyo. Also serves as an external director at JX Metals Corporation and Toppan Photomasks, Inc. Member of the 24th and 25th terms of the Japan Academy. Has served on various committees for the Ministry of Economy, Trade, and Industry, the Ministry of the Environment, the Ministry of Education, Culture, Sports, Science and Technology, and the Tokyo Metropolitan Government.

# (36) Maystar Reflex Technology CO.,LTD. General manager / Ben Chang [Day3]



Hometown: Changhua County, Taiwan Education: Kyoto University Current Career: General Manager at Maystar Reflex Technology CO., LTD. General Manager at Maystar Industrial Park CO., LTD. (China, Hu Men)

# (37) iMU Corporation President & CEO / Takeo Nagura [Day3]



1992: Graduated from Keio University School of Medicine
1999: Studied at Stanford University in the United States
2019: Appointed as a Special Professor at the Keio University School of Medicine, in
the Department of Orthopedic Biomechanics
2020: CEO of iMU Corporation (concurrently)
Continuing research in gait analysis since studying in the United States, developed a
wearable device to quantify knee misalignment. Started selling the device as a Class

I medical device in December 2022. Actively engaged in activities to assist people suffering from knee pain in Japan and around the world.

# (38) Everstream Partners Senior Manager / Susan Ko [Day3]



With over 10 years of experience in strategic consulting, she has played a leading role in startup companies, focusing on business development and fundraising. Her career has spanned projects in Taiwan, China, Japan, the United States, Spain, Africa, and South America. Her expertise includes global expansion, business and organizational transformation, and process redesign. Currently, she is studying in the Executive MBA program at National Taiwan University, conducting research on small and medium-sized enterprises (SMEs).

### (39) Prossimo Co., Ltd. President & CEO / Akihiko Horiuchi [Day3]



With 11 years of experience in production and sales operations at Miyazaki Broadcasting Co., Ltd., I founded Prossimo Co., Ltd. in Fukuoka in 2003. Specializing in support for direct marketing and sales promotion for mail-order companies, we initiated advertising agency services. In 2005, we established a fresh produce mail-order company and started financial product intermediary services in 2006. Currently, I am involved in consulting for mail-order companies, product development, media development, and system development related to fulfillment. Additionally, I participate in a regional revitalization project in Nakama City, Fukuoka Prefecture.

### (40) SPRINK Co., Ltd. Representative Director / Miwa Won [Day3]



Born in Fukuoka City. Graduated from the School of Political Science and Economics at Waseda University. After obtaining a master's degree in International Relations from the London School of Economics and Political Science, worked for economic organizations in Kyushu and a collaborative organization between academia, industry, and government in Korea's Busan city. In April 2020, established SPRINK Co., Ltd. Engages in supporting the expansion of foreign companies' products and services into the Japanese market. Simultaneously, works towards fostering international talents through training and exchanges, aiming to contribute to the formation of a diverse and inclusive society.

# (41) E.SUN Financial Holding Co.,Ltd CSO / Louis L.Y.Chang [Day3]



A graduate of the National Yang Ming Chiao Tung University Management School, he holds a master's degree. Serving as the Chief Sustainability Officer (CSO) at E.SUN Financial Holding, he has been immersed in the financial industry for the past 27 years, gaining extensive practical experience in retail banking, asset management, and corporate banking operations. He considers his work at E.SUN as a lifelong vocation and consistently achieves outstanding performance, a testament to his relentless pursuit of challenges, passion, and hard work.

# (42) Kagoshima Bank Co., Ltd. Regional Support Department Head / Yasuhiro Ozasa [Day3]



Joined Kagoshima Bank in 1991. After working in various positions, including corporate loans in sales branches and examination departments, he became the branch manager of Iwakawa in 2015, followed by the branch manager of Izumi Chuo in 2017. In 2021, he assumed the position of Head of the Regional Support Department. He leads the department, which handles a diverse range of tasks such as management consulting, M&A and business succession support, promotion of international business, agricultural business development, and regional revitalization. In November 2023, he concurrently took on the role of President of the newly established company "Kagin Kyosou Investment."

## (43) Qisda External Director / Mandy Huang [Day3]



Mandy Huang, who holds an EMBA from National Taiwan University and an MBA from National Yang Ming Chiao Tung University, has served as an executive in four renowned companies and been elected as an external director at Qisda. She has received numerous awards in both the semiconductor and culinary fields. Serving as the chairperson of the international semiconductor organization SICAS, she has also been recognized as an outstanding female entrepreneur in Asia, Australia, and New Zealand.

# (44) FFG Venture Business Partners Co., Ltd. Deputy President / Deputy President / Yasuhisa Yamaguchi [Day3]



Joined the Japan Development Bank in 1986. Established the present DBJ Capital in 2006. Moved to FFG Venture Business Partners in 2017, initiating the operation of funds in collaboration with the Kyushu University Venture Promotion Conference. Currently managing the largest venture fund in Kyushu. Opened the Entrepreneurship Center at Nagasaki University in 2019. Founded "PARKS," a union of 18 universities located in Kyushu, in 2022, focusing on nurturing the venture ecosystem in Kyushu. Also serves as a visiting professor at Kyushu Institute of Technology.

# (45) Ritsumeikan Asia Pacific University Professor / Masanori Fujita [Day3]



After graduating from Kyoto University, I joined Mitsubishi Corporation, where I gained experience in developing new IT businesses, metal resource development, and overall information system planning. During my tenure, I established multiple ITrelated venture subsidiaries and assumed roles such as director in these companies. While working, I obtained a Master's degree in Business Administration from the University of Tsukuba, a Master's degree in Information Systems from the National Institute of Technology, a Master's degree in Technology Management, and a Doctorate in Engineering from the Tokyo Institute of Technology. I have served as a Special Professor at the National Institute of Technology, Guest Professor at Nagoya University of Commerce and Business, and Business Director of the Research and Innovation Society, among other positions.

# (46) Medical Corporation Yamato Chairman / Yusuke Tanoue [Day3]



Born in Kumamoto. After graduating from the University of Tokyo School of Medicine, he joined the oncology surgery department. Inspired by the Great East Japan Earthquake, he founded the Yamato Home Medical Clinic in Tokyo and Tome City, Miyagi Prefecture, in 2013. As a solution for regional healthcare, he initiated the "Yamato Project," a model for physicians to circulate between urban and rural areas. In 2021, it became the model for the NHK morning drama series "Welcome Back, Mone." Simultaneously, he engages in the coFFee doctors+NANIMON project, aiming to produce entrepreneurial doctors who can bring about social change.
#### (47) Exawizards Inc. Managing Editor / Yohei Ichijima [Day2 · 3]



Joined Nikkei Business Publications (Nikkei BP) in 1996, working as an editorial journalist primarily focusing on IT and telecommunication sectors. Spent three years from 2009 at The Nikkei (Nihon Keizai Shimbun) covering the electronics industry. In 2014, launched Nikkei Big Data at Nikkei BP, conducting coverage mainly centered around business departments, management case studies, and the data market. In 2018, relocated to Nikkei BP's Silicon Valley bureau as the bureau chief, reporting on major tech companies and the retail industry in the United States. Transitioned to the AI startup Exawizards in 2021, assuming the current position.

#### (48) China Medical University Hospital Director / Kai-Cheng Hsu [Day2 • Day3]



Dr. Kai-Cheng Hsu is the Director of the Artificial Intelligence Center (AIC) for Medical Diagnosis at China Medical University Hospital (CMUH) and an Attending Physician at the Neurology Department of CMUH.

#### (49) National Yang Ming Chiao Tung University (NYCU) / Jeff Chen [Day3]



Dr. Chen possesses academic and industrial experience in biomedical data analytics, new technology venture incubation and investment, corporate turnaround management, and strategic planning for institutional sustainability in the US, Japan, and Taiwan. Currently, Dr. Chen holds two teaching positions: one at the Biomedical EMBA and the Department of Information Management and Finance at National Yang Ming Chiao Tung University (NYCU), and another at National Taiwan University (NTU) in the College of Medicine and the College of Management. Additionally, Dr. Chen serves as a Guest Professor at Kyoto University Institute for Integrated Cell-Material Sciences (iCeMS) in Japan and as a Visiting Professor at the BioMedical Translation Research Center of Academia Sinica in Taiwan. Dr. Chen holds a Ph.D. in Information Management from National Taiwan University (NTU) in the field of Medical Data Science and an MBA degree from the same university. He also possesses another master's degree in Electrical Engineering from the University of Southern California (USC) and has worked as a visiting scholar at the Department of BioMedical Data Science, School of Medicine, Stanford University.

## (50) Kyushu Bureau of Economy, Trade and Industry Environmental Protection and Recycling Division Director / Sadahisa Mori [Day3]



Entered the Kyushu Bureau of Economy, Trade and Industry in the Ministry of Economy, Trade and Industry in the 21st year of the Heisei era. After working on measures for small and medium-sized enterprises, regional promotion policies for power sources, and contributing to reconstruction support in Tomioka Town, Fukushima Prefecture, I served as the Director for Regional Revitalization in the Kyushu Bureau of Economy, Trade and Industry, and later as the Chief of the Agricultural, Forestry, and Fisheries Industry Growth and Industrialization Support Office. Currently, I am responsible for the enforcement of various recycling laws, promoting the 'J-Credit' system, which credits the reduction and absorption of greenhouse gas emissions, and leading the transition to a circular economy as part of economic activities, promoting what is commonly known as a 'Circular Economy.

#### (51) Circular Park Kyushu Co., Ltd. Chief Executive officer / Teruyuki Nakadai [Day3]



As representatives of three companies within the Nakadai Group, specializing in consulting for waste recycling (99% recycling and resource utilization) and CO2 reduction, we are actively expanding our circular business. In July 2023, we established Circular Park Kyushu Co., Ltd. in collaboration with Kyushu Electric Power Co., Ltd., where I currently serve. In 2013, I received the Good Design Award's 'Future Creation Design Special Award.' I am also the author of 'Designing the Way We Discard: Circular Business' (Seibundo Shinkosha) and other publications.

#### (52) Kao Co. ESG promotion Department Executive Director / Akira Matsumoto [Day3]



Joined Kao Corporation in 1987. Currently engaged in promoting ESG (Environmental, Social, Governance) initiatives related to consumer products. Currently serving as the leader of the in-house plastic circulation and water conservation project. Since the East Japan Earthquake, initiated projects and mobilized a total of 5,000 employees.

#### (53) Sato Holdings Corporation President and Group CEO / Hiroyuki Konuma [Day3]



Joined the company in the year 2000. Engaged in sales in the manufacturing, public, and healthcare sectors. Became the first president of Sato Healthcare Co., Ltd. in 2014. Appointed as president of Sato Corporation in 2019 and as a director of Sato Holdings Co., Ltd. in 2020. Since April 2023, serving as Representative Director, President, and Executive Officer Group CEO of Sato Holdings Co., Ltd., leading the formulation and execution of the group's policies and strategies.

## 7. Exhibition Business Negotiation Booth

#### (1) Outline of the event

- Date November16(Thu),17(Fri),2023 9:00~17:00
- Venue SS Plaza Sendai Conference room 301,302,303
- Exhibitors 18 parties
  - Booth Exhibit 14 parties

• PR Video Broadcast 6 parties With duplicates

• Exhibits Corporate Products, Research Poster, Corporate Technology PR Poster etc

#### (2) Venue Layout



#### (3) Exhibitors

No	Exhibitors	
1	明基医院	BENQ Medical Center
2	中越パルプ工業(株)	Chuetsu Pulp & Paper Co.
3	サーキュラーパーク九州(株)	Circular Park Kyushu Co.
4	玉山銀行	E.SUN Commercial Bank
5	工業技術研究院(ITRI)	Industrial Technology Research Institute
6	(公財)科学技術広報財団	The Japan Foundation of Public Communication on Science and Technology
7	(公財)全日本科学技術協会	Japan Research Community for Science and Technology
8	鹿児島銀行	Kagoshima Bank

9	鹿児島大学 クルーシャル・クーリング・パフォ ーマンス (株)	Kagoshima Univ. Crucial Cooling Performance
10	神奈川工科大学 鈴木研究室	Suzuki Lab., Kanagawa Institute of Technology
11	慶応義塾大学 満倉研究室	Mitsukura Lab., Keio Univ.
12	京セラ (株)	Kyocera Co.
13	MFV Partners, AIRI Capital	MFV Partners, AIRI Capital
14	QISDA Co.	QISDA Co.
15	薩摩川内市	Satsumasendai City
16	SOZO Ventures	SOZO Ventures
17	(株)トータルメディア開発研究所	Total Media Development Institute Co.
18	早稲田大学 所研究室	Tokoro Lab., Waseda Univ.

#### (4) Situation of the exhibition booth





### 8. Tea ceremony

#### (1) Outline of the event

1 Objective : Hospitality for participants through the tea ceremony

Introduction to Japan culture

② Date : November15(Wed),2023 13 : 00  $\sim$  15 : 30

November16(Thu),2023  $10:00 \sim 15:30$ 

- ③ Venue: SS Plaza Sendai Conference room 304
- (4) Organizer : Omotesenke-ryu Yumiko Tamashiro camp

#### (2) Number of Participants

92

#### (3) Details





## 9. Reference Materials

#### (1) Introduction of the Co-sponsoring Organizations

#### 1 Kyushu Economic Forum

The Kyushu Economic Forum is an economic organization based in Fukuoka City that is working on the concept of promoting wide-area cooperation in the Kyushu-Okinawa region and fostering a 21st-century industrial economy in Kyushu. The chairman is Susumu Ishihara, Special Advisor to JR Kyushu.

#### **②** Asia-Pacific Association for Academic and Industrial Cooperation (APAAIC)

The Asia-Pacific Academic-Industrial Collaboration Association (APAAIC) is an organization that was established by a group of scholars, entrepreneurs, and experts centered around Professor Emeritus Chen-en Ko of National Taiwan University. It was officially recognized as a non-profit corporation on July 1, 2017, upon receiving government approval. Its mission is to promote academic and industrial exchange and cooperation between Taiwan and countries in the Asia-Pacific region. Through exchange visits and seminars, it aims to deepen friendships by expanding opportunities for its members to cooperate in the academic and industrial fields of various countries, share experiences, and create academic-industrial synergy.

#### **③** Industrial Technology Investment Corporation (ITIC)

The Industrial Technology Investment Corporation (ITIC) is a Taiwanese venture capital firm. Established in November 1979 as a wholly-owned subsidiary of the Industrial Technology Research Institute (ITRI), it has invested \$400 million worldwide to cultivate industry leaders. It provides deep expertise and a broad range of resources to startups and partners.

#### (2) Introduction of sponsor

#### **(1)** APAMAN Corporation

#### Head office location : Chiyoda-ku, Tokyo

#### Representative : Kouji Omura (President & CEO)

Founded in 1999 with the mission of contributing to the qualitative improvement of the real estate industry through the use of IT. Initially established as a company providing technologies such as web and cloud services, the business has expanded its scope to encompass the 'Platform' and 'Technology' sectors. Under 'Platform,' the company has formed a massive platform through the largest number of rental brokerage stores and one of the largest numbers of managed rental properties in Japan, catering to tenants, property owners, and other stakeholders. Regarding 'Technology,' aligning with the Japanese government's Japan Revitalization Strategy 2016 (Future Investment Strategy 2017) and the spirit of the Fourth Industrial Revolution, the company has enhanced technology development for the utilization of IoT, big data, and artificial intelligence. Implementing IoT throughout rental homes as smart houses, connecting everything to the internet, and analyzing the accumulated data has enabled the realization of unprecedented services. Additionally, as part of its CSR efforts, the company addresses the national priority of 'countermeasures against declining birthrates' and has expanded the NPO JUNOALL to 12 locations nationwide, aiming to facilitate 10,000 marriages annually in the future.

#### **2** Sozo Ventures

#### Head office location : California, U.S.A.

#### Representative : Phil Whickham / Koichiro Nakamura (Senior Managing Director)

Sozo Ventures, established in 2012, is an investment firm with the goal of supporting technology-driven venture companies and their international expansion. The firm has invested in companies like Twitter and Zoom, contributing to their entry into the Japanese market. Sozo Ventures focuses on investing in leading companies aiming for transformation through data technology, e-commerce, enterprise cloud, fintech, Internet of Things (IoT), healthcare IT, and other advanced solutions. Actively engaging with companies at various stages, from seed-stage enterprises to those preparing for initial public offerings (IPOs), Sozo Ventures provides resources and expertise to support portfolio companies in succeeding in the global market.

#### ③ AIRI Capital

#### Head office location : California, U.S.A.

#### **Representative : Pavan Ongole**

Airi Capital is the holding company of Pavan Ongole, focusing on investing in, advising, and operating portfolios of technology-related startups in the United States, India, and Japan. The investments primarily target Angel Rounds and Seed Rounds, emphasizing technology that functions as an early competitive advantage. The advisory and operational roles span from supporting new market entry, business development, to overall strategy for companies in the mid to late stages. While centered around technology, the activity sectors cover a wide range, including robotics, security, health, mobility, and enterprise software. Airi Capital also takes an interest in initiatives impacting EdTech (technology for education), FemTech (technology for women), and WaterTech (technology related to water).

#### **④** Medlical corporation Yamato

#### Location : Tome City, Miyagi

#### **Representative : Yusuke Tanoue (President)**

In the aftermath of the Great East Japan Earthquake in 2011, a medical support team was formed. In April 2013, based on this team, medical clinics were established in two locations: Tome City, Miyagi Prefecture, and Takashimadaira, Itabashi Ward, Tokyo, with a focus on home medical care. In December 2014, both clinics were incorporated into separate entities, and Yamato Home Medical Clinic in Tome began its operations as the 'Medical Corporation Yamato.' Currently, the organization primarily operates medical clinics (in Tome City, Miyagi Prefecture; Osaki City, Miyagi Prefecture; Kurihara City, Miyagi Prefecture; Ichinoseki City, Iwate Prefecture; Sendai City, Miyagi Prefecture; Natori City, Miyagi Prefecture; Kawasaki City, Kanagawa Prefecture; and Yokohama City, Kanagawa Prefecture), along with operating visiting nursing stations and nutritional care stations.

#### 5 iMU Co., Ltd.

#### Head office location : Chuo-ku, Tokyo

#### **Representative : Takeo Nagura (Representative Director)**

A healthcare startup originating from Keio University School of Medicine. Leveraging research findings from the Department of Orthopedic Surgery's Biomechanics Laboratory, the company is engaged in the research and development of a healthcare device that visualizes the burden on the knees quickly, easily, and affordably, with just a 5-meter walk. Utilizing the visualization technology for knee burden, the company aims to provide advice for predicting the progression risk of osteoarthritis and promoting knee preservation in rehabilitation and daily life.

#### **⑥** X Capital LLC

#### Head office location: Minato-ku, Tokyo

#### **Representative: Dai Yamane (Managing Director)**

After graduating from Keio University's SFC, the memories of my time at Stanford University in the United States lingered, leading me to establish a company in Silicon Valley in 2012 and relocate. I began angel investing overseas. Later, after participating in the listing project of RPA Holdings, a unicorn project in Japan, I founded X Capital. While providing hands-on support to startups, I also engage in LP investments in domestic and international venture capital funds and invest in early-stage ventures. My primary investment focus includes Deep Tech, Health Tech, Enterprise Software, Vehicle Tech, and other sectors.

(3) Flyer



#### (4) Homepage



#### 新着情報

2023年11月14日 NEW! オンラインZOOM視聴について

2023年11月14日 開場時間・開式時間のご案内

2023年11月14日 応募受付終了のお知らせ

2023年11月2日

インポイス制度に対応した「適格請求書」、「領収書」発行についてのお知らせ。

2023年10月18日

「九州・台湾クリエイティブウイーク in 薩摩川内」申し込みWEBサイトを公開しました。

#### 九州・台湾、そしてアメリカの新たなる関係がスタートする3 Days

日本、台湾、アメリカの産官学金の多様なキーマンが、薩摩川内市に一堂に会し、経済交流の促進や循環 経済都市の実現に向けた気運醸成を図る機会として、**3**日間の日程で開催します。

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<開催目的>
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- 1. 九州と台湾の経済交流促進
- 2. 経済人材のネットワーク確立
- 3. 鹿児島県、薩摩川内市の経済発展ビジョンの共有
- 4. 2030年SDGs達成、2050年カーポンニュートラル達成のための循環経済都市(サーキュラー都市)実現

九州・台湾クリエイティブウイーク in 薩摩川内 Kyushu Taiwan Creative Week in Satsumasendai

# Published byTHE TAIWAN KYUSHU Executive Committee Secretariat,<br/>Satsumasendai City Government, Future Policy Department, Planning Policy Division<br/>Address : 3-22, Kanda-cho, Satsumasendai-shi, Kagoshima, 895-8650, JAPAN<br/>Tel : +81-996-23-5111<br/>E-mail : sdgs@city.satsumasendai.lg.jp

February 2024