



Hitachi Young Leaders Initiative 2019

Singapore, 9 – 12 July 2019

Digital Transformation
for a Sustainable Future





About HYLI

The Hitachi Young Leaders Initiative (HYLI) reflects Hitachi's long-term commitment to Asia. Established in 1996, HYLI is a regional thought leadership and social responsibility program organized by Hitachi with the aim of helping Asia identify its future leaders by providing a platform for bright university students. At the initiative, four of the best and brightest university students from each participating country meet to discuss current regional and global issues. They also exchange views with prominent speakers who are the Asian leaders of today, representing governments, business and academia.

Since its inauguration in Singapore in 1996, HYLI has offered over 340 students, including more than 50 Singapore alumni, the unique opportunity to broaden their outlook while promoting Asian values and cross-cultural understanding. At every HYLI, up to four student delegates are handpicked by the selection panels in each of the eight (8) countries, namely Indonesia, Japan, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam.

HYLI 2019 would be held under the theme of "Digital Transformation for a Sustainable Future" for this year's edition. Under the core theme, there will be a total of three plenary sessions focusing on the (1) Youth Opportunities in Asia, (2) Digital Transformation in Living Environment and (3) Well-being.

Program at a Glance

Tuesday 9 th July	Wednesday 10 th July	Thursday 11 th July	Friday 12 th July
Opening Ceremony 10:00am – 12:15pm	Field Activity to Deloitte Future of Mobility Solution Centre 8:50am – 10:20am	Student Workshops 9:10am – 5:00pm	Opening Ceremony 10:00am – 10:30am
Session 1: Youth Opportunities in Asia 1:20pm – 2:40pm	Field Activity to SG Mobility Centre 11:00am – 12:30pm		Student Presentations 10:35am – 2:40pm
Session 2: Digital Transformation in Living Environment 2:55pm – 4:15pm	Student Workshops 2:00pm – 6:00pm		Closing Ceremony 2:40pm – 3:40pm
Session 3: Digital Transformation in Well-being 4:35pm – 5:55pm			
Closing Remarks 5:55pm – 6:00pm			
			Cultural night 6:00pm – 9:00pm

Theme & Session Descriptions

MAIN THEME

*Title: “Digital Transformation
for a Sustainable Future”*

The Fourth Industrial Revolution is fundamentally transforming the way Asia develops, especially Southeast Asia where internet economic growth is projected to triple in 2025 hitting \$200 billion. With the rise of cutting-edge technology increasing rapidly, technology has helped create positive economic, social and environmental impact. This has also opened up opportunities for countries to tackle some of the most urgent challenges with solutions ranging from personalized home-care apps to deep-tech-focused apprenticeship initiative. 15th HYL theme was chosen to highlight the importance of technology and its role in building a smart and sustainable future.

SESSION 1 THEME

*Title: “Youth Opportunities in
Asia”*

This session aims to identify opportunities where youth can take advantage of digital tools, emerging in recent years, to address socio-economic and/or development challenges in Southeast Asia. Through panel interactions, we hope to envision what a “sustainable future” will look like and how technology can empower the future generation to lead this transformation.

SESSION 2 THEME

*Title: “Digital Transformation in
Living Environment”*

In this session, we look forward to learn how technology is changing the way we interact, design and construct the world around us. Through speeches and panel interactions, we hope to gain insights on how the Living Environment in a “sustainable future” in Southeast Asia can look like and what steps must be taken to get there.

SESSION 3 THEME

*Title: “Digital Transformation in
Well-being”*

In this session, we look forward to learn about how technology is disrupting the traditional structure of the healthcare and wellness industry. Through the speeches and panel interactions, we hope to learn more about the growth of Healthtech in Southeast Asia and how it will serve the needs of the shifting demographics of the future.

Main Conference Program

InterContinental Hotel, Singapore, 9-12 July 2019, Tuesday to Friday

Main Theme: “Digital Transformation for a Sustainable Future”		
Sub-theme 1: “Youth Opportunities in Asia”	Sub-theme 2: “Digital Transformation in Living Environment”	Sub-theme 3: “Digital Transformation in Well-being”

Opening Forum

DAY 1 – 9TH JULY 2019, SINGAPORE

InterContinental Singapore

0900 – 1000	Registration and Networking
1000 – 1005	Welcome
1005 – 1015	Welcome Remarks Mr. Toshiaki Higashihara , President and CEO, Hitachi, Ltd.
1015 – 1020	Opening Address H.E. Jun Yamazaki , Ambassador of Japan to Singapore
1020 – 1040	Guest-of-Honour Address Mr. S Iswaran , Minister for Communications and Information, Singapore
1040 – 1050	Group Photo
1050 – 1105	Morning Tea Break
1105 – 1135	Keynote Speech: Tan Sri Datuk Dr. Rebecca Fatima Sta Maria , Executive Director of The Asia-Pacific Economic Cooperation (APEC) Secretariat
1135 – 1215	AI and Happiness: Dr. Kazuo Yano , Corporate Officer and Fellow, Hitachi, Ltd.
1215 – 1315	Lunch Reception
1315 – 1320	Opening Plenary Remarks Mr. Kojin Nakakita , Vice President and Executive Officer, Hitachi, Ltd. Chairman, Hitachi Asia Ltd. and Chairman, Hitachi India Pvt Ltd.

1320 – 1440	<p>Plenary Session I: “Digital Transformation for a Sustainable Future: Youth Opportunities in Asia”</p> <ul style="list-style-type: none">• Dr. Angel Hsu, Assistant Professor of Social Sciences, Yale-NUS College• Ms. Herry Cho, Head of Sustainable Finance Asia Pacific, ING• Mr. Christopher Gordon, National Youth Council Member, Chairperson of Eurasian Association Youth Committee• <i>Moderated by</i> Ms. Juliana Lim, Head, Talent Networking, SGInnovate
1440 – 1455	<p>Short Break</p>
1455 – 1615	<p>Plenary Session II: “Digital Transformation in Living Environment”</p> <ul style="list-style-type: none">• Ms. Cindy Lim, Managing Director, Keppel Urban Solutions• Mr. Thomas Abell, Advisor of Sustainable Development and Climate Change Department, and Chief of Digital Technology for Development, Asian Development Bank• Mr. Poon King Wang, Director, Lee Kuan Yew Centre for Innovative Cities Singapore University of Technology and Design• <i>Moderated by</i> Mr. Charles Ross, Editorial Director, The Economist Intelligence Unit
1615 – 1635	<p>Afternoon Tea Break</p>
1635 – 1755	<p>Plenary Session III: “Digital Transformation in Well-being”</p> <ul style="list-style-type: none">• Ms. Tamsin Greulich-Smith, Chief, Smart Health Leadership Centre, National University of Singapore• Ms. Gillian Tee, CEO and Co-Founder, Homage• <i>Moderated by</i> Mr. Guillaume Sachet, Partner, Digital Strategy, KPMG
1755 – 1800	<p>Closing Remarks by Mr. Osamu Naito, Vice President and Executive Officer, Hitachi, Ltd.</p>

DAY 2 – 10TH JULY 2019, SINGAPORE

0900 – 1230	<p>Field Activity: Deloitte Future of Mobility Solution Centre and SG Mobility Gallery</p>
1230 – 1400	<p>Lunch Reception</p>
1400 – 1700	<p>Student Group Workshops</p>

DAY 3 – 11TH JULY 2019, SINGAPORE

0900 – 1200	Student Group Workshop
1200 – 1330	Lunch Reception and return to InterContinental Singapore
1330 – 1700	Student Group Workshop

DAY 4 – 12TH JULY 2019, SINGAPORE

InterContinental Singapore

1000 – 1010	Welcome
1010 – 1020	Welcome Speech Mr. Kojin Nakakita , Vice President and Executive Officer, Hitachi Ltd. Chairman, Hitachi Asia Ltd. and Chairman, Hitachi India Pvt Ltd.
1020 – 1030	Welcome Address by Lead Advisor Advisory panel <ul style="list-style-type: none">• Lead Advisor: Ambassador Ong Keng Yong, Executive Deputy Chairman, RSIS Director, Institute of Defence and Strategic Studies S. Rajaratnam School of International Studies, Nanyang Technological University, Singapore• Mr. Choi Shing Kwok, Director, ISEAS• Ms. Kay Vasey, Chief Connecting Officer, MeshMind• Mr. Kosuke Horiuchi, Managing Director, Hitachi Asia Ltd.
1035 – 1110	Student Presentation (1) Youth Opportunity
1115 – 1150	Student Presentation (2) Living Environment
1150 – 1250	Lunch Reception
1250 – 1325	Student Presentation (3) Well-being
1330 – 1405	Student Presentation (4) Mobility
1405 – 1420	Afternoon Tea Break
1420 – 1440	Student Presentation Feedback by Advisory Panel
1440 – 1540	Closing Ceremony <i>Closing Speech</i> by Ms. Yukiko Araki , Corporate Officer, Executive General Manager, Sustainability Promotion Division, Hitachi, Ltd.
1800 – 2100	Cultural Night <i>Opening Remarks</i> by Mr. Kosuke Horiuchi , Managing Director, Hitachi Asia Ltd.

Program for Student Delegates

DELOITTE FUTURE OF MOBILITY SOLUTION CENTER (10 July 2019)

Through a tour on the co-development facility for mobility digital and analytics solutions, students will be exposed to cutting edge technologies and be enriched with knowledge how digital transformation plays a part in the current state of mobility.

SG MOBILITY GALLERY (10 July 2019)

Students will learn through a series of interactive activities and multi-sensory exhibits on how Land Transport Authority leverages on technology to build Singapore's first-class transport system. This visit will provide students with a deeper understanding on how Singapore's mobility is improved through data analysis and AI.

STUDENT PRESENTATIONS (12 July 2019)

Student presentations are a comprehensive summary of the students' learning from the interactions with prominent leaders and experts, exchange of ideas at workshops and their visits to Deloitte Future Of Mobility Solution Center and SG Mobility Gallery. Their presentations will be heard by a distinguished panel of guests specially selected to represent the views of ASEAN. The highlights of the presentations will be included in a white paper and will be issued after the HYLI 2019 program.

CULTURAL NIGHT (12 July 2019)

To showcase each of the HYLI countries' culture, heritage and celebrate the diversity of cultures across Southeast Asia and Japan, students in groups by country will present their traditional dance and performance at the Cultural Night on the last day of the HYLI 2019.

Distinguished Guests

GUEST-OF-HONOR ADDRESS

MR. S ISWARAN

Minister for Communications and Information, Singapore



Mr S Iswaran joined the Singapore Administrative Service in 1987. He served in the Ministries of Home Affairs and Education, was seconded to the National Trade Union Congress, and later to the Singapore Indian Development Association as its first Chief Executive Officer. Mr Iswaran was Director for International Trade at the Ministry of Trade and Industry in the lead up to Singapore's hosting of the WTO Ministerial Conference in 1996. He then joined the private sector, as Director for Strategic Development at Singapore Technologies Pte Ltd. Later, as Managing Director at Temasek Holdings, he undertook investments, takeover, buy-out and merger transactions in the pharmaceuticals, biotech, hi-tech manufacturing, transport and logistics sectors. Mr Iswaran has been elected as a Member of Parliament in five General Elections since 2 January 1997. Prior to his Cabinet appointment in 2006, he served on several Government Parliamentary Committees, and as the Deputy Speaker of Parliament from September 2004 to June 2006. Mr Iswaran is currently the Minister for Communications and Information, focusing on strengthening the InfoComm, Media, and Design sectors and accelerating digital transformation across the economy. He also oversees policies and strategies to build a digitally-ready community, a safe and secure cyberspace, as well as efforts to develop libraries of the future and enhance government communications. He is concurrently Minister-in-charge of Trade Relations at the Ministry of Trade and Industry where he oversees various bilateral and multilateral trade negotiations. Mr Iswaran read Economics at the University of Adelaide and graduated with First Class Honours. He also holds a Masters in Public Administration from Harvard University.

Distinguished Guests

OPENING ADDRESS

H.E. JUN YAMAZAKI

Ambassador of Japan to Singapore, Japan Embassy



Ambassador Yamazaki was appointed as Ambassador of Japan to Singapore in October, 2018. His diplomatic career with the Japanese Ministry of Foreign Affairs started in 1980 and he has since handled various positions both in Japan and overseas. Notable appointments include, Assistant Secretary-General, Controller, UN Secretariat (2008-2011) and more recently, as Japan's Deputy Permanent Representative to the United Nations. Before moving to Singapore, he served as Ambassador to Sweden for three years. He holds the Bachelor of Arts from the University of Tokyo.

KEYNOTE SPEECH

TAN SRI DATUK DR. REBECCA FATIMA STA MARIA

Executive Director, APEC Secretariat, Singapore



Tan Sri Datuk Rebecca Fatima Sta Maria is the executive director of the APEC Secretariat based in Singapore, which serves as advisory body, implementation arm and custodian of institutional memory for the 21 member economies that make up the APEC forum.

She was the Secretary-General of the Malaysian Ministry of International Trade and Investment from 2010 to 2016.

An accomplished academic and writer, Dr Sta Maria's scholarship has been recognized through awards from the American Academy of Human Resource Development and from the University of Georgia.

Speakers

WELCOME REMARKS - 9 JULY

MR. TOSHIAKI HIGASHIHARA

President and CEO, Hitachi, Ltd.



Mr. Toshiaki Higashihara is President & CEO of Hitachi, Ltd. and his career with Hitachi can be traced back to 1977, when he first joined the company. He has extensive experience in areas such as Transportation Systems Design, Public Utility, Energy Industry information Systems, Information & Control Systems.

In 2006, he served as Corporate Officer, Chief Operating Officer of Information & Telecommunication Systems Group before taking on the role of Vice President and Executive Officer, Chief Operating Officer of Power Systems Group, Hitachi, Ltd. in 2007. His experience is not limited to Japan as he also managed overseas markets as President of Hitachi Power Europe GmbH in Germany for two years since 2008. After his return to Japan in 2010, he became President and Chief Executive Officer of Hitachi Plant Technologies, Ltd., where he continued to serve as President and Representative Director in 2011. In 2011 and 2012, he oversaw the Industrial & Social Systems Business and Infrastructure Systems Group of Hitachi, Ltd. respectively as Vice President and Executive Officer.

Prior to his position as CEO, he was appointed President & COO in 2014. Mr. Higashihara holds a Bachelor of Engineering from Tokushima University as well as Master of Science in Computer Science from Boston University.

Speakers



OPENING PLENARY REMARKS - 9 JULY
WELCOME SPEECH - 12 JULY

MR. KOJIN NAKAKITA

Vice President and Executive Officer, Hitachi, Ltd., Chairman, Hitachi Asia Ltd. and Chairman, Hitachi India Pvt. Ltd.

Mr. Kojin Nakakita is the Vice President and Executive Officer of Hitachi, Ltd.; he concurrently serves as Chairman of Hitachi Asia Ltd. and Hitachi India Pvt. Ltd. He is presently in charge of regional strategies across Asia Pacific.

Mr. Nakakita began his career with Hitachi in 1988 in the Heavy Industry Department, Headquarters Sales Office. Over the years, he has accumulated vast experience in social infrastructure business development, particularly in the water treatment, smart cities and heavy industry equipment industries.

In 2002, he served as Manager of the Security Systems Department, Industrial Plant Sales Division, Industrial Systems Sales Operation Group, Power & Industrial Systems Group. He was promoted to General Manager of the Environmental Energy Equipment Department, Industrial Solutions Sales Division, Sales & Marketing Division, Industrial Systems Group in 2009.

A year later, he became General Manager of the Global Project Department, Global Project Office, Sales & Marketing Division, Industrial and Social Infrastructure Systems Company. In 2014, he moved to Hitachi India Pvt. Ltd. as Deputy Managing Director. In 2015, he was promoted to Managing Director of Hitachi India Pvt. Ltd., and in 2017, he rose to the ranks of Corporate Officer of Hitachi, Ltd. as well as Chairman of both Hitachi Asia Ltd. and Hitachi India Pvt. Ltd. Mr. Nakakita graduated with a Bachelor of Science from the United States International University.

Speakers

CLOSING REMARKS - 9 JULY

MR. OSAMU NAITO

Vice President and Executive Officer, Hitachi, Ltd.



Mr. Osamu Naito inaugurated as Vice President & Executive Officer of Hitachi, Ltd. in 2018 and has also since served as Head of Executive Officer Support as well as General Manager of Government & External Affairs Group at Hitachi, Ltd., where he is overseeing the company's global external relations extensively.

After joining Hitachi, Ltd. in 1983, Mr. Naito held various prominent positions such as General Manager of Corporate Communications Division for four years from 2002, General Manager of Corporate Planning Development Office, and General Manager of Strategy Planning Division for three years from 2012 at Hitachi, Ltd. Besides his abundant experience of these leading roles, he became Corporate Officer of Hitachi, Ltd. in 2012. Not only in Japan, but also he played a role as a project leader of market development at Hitachi Europe, Ltd. for a year in 2008. Mr. Naito holds a bachelor's and a master's degree in law from Keio University.

Speakers

AI AND HAPPINESS – 9 JULY

DR. KAZUO YANO

Corporate Officer and Fellow, Hitachi, Ltd.



Kazuo Yano received the B. S., M. S., and Ph. D degrees from Waseda University, Japan, in 1982, 1984, 1993, respectively. From 1991 to 1992 he was a Visiting Scientist at the Arizona State University. He is now Corporate Officer and Fellow, Hitachi, Ltd.

He is known for the pioneering works in semiconductor field, such as the world-first room-temperature single-electron memories in 1993. In 2003, he has pioneered the measurement and analysis of social big data. The wearable sensor for this purpose has been introduced in a Harvard Business Review. He has succeeded quantifying the happiness, which has been used in more than 30 companies. His recent work is on the multi-purpose artificial intelligence, which has been applied to over 60 cases. He has applied over 350 patents and his papers are cited by over 2500 papers. His book, “The New Invisible Hand,” is cited as one of top-10 business books in Japan in 2014.

He received 1994 IEEE Paul Rappaport Award, 1996 IEEE Lewis Winner Award, 1998 IEEE Jack Raper Award, Kujin Award from Hitachi Henjinkai in 1995, 2007 MBE Erice Prize, the Best Paper Award of International Conference on ASE/IEEE Social Informatics 2012. He is a Fellow of the IEEE.

CLOSING CEREMONY - 12 JULY

MS. YUKIKO ARAKI

Corporate Officer, Executive General Manager, Sustainability Promotion Division, Hitachi, Ltd.



Yukiko Araki serves as Corporate Officer, Executive General Manager of Sustainability Promotion Division, Hitachi, Ltd.

After graduating from the Engineering School, the University of Tokyo in 1983, Ms. Araki joined the Ministry of International Trade and Industry (MITI) and had worked at the public sector for almost 30 years. Meanwhile, she studied at the Graduate School of Political Science, Massachusetts Institute of Technology, USA in 1987-1988. She was designated as Vice Governor of Yamagata Prefecture, Japan in 2008. In 2012, she joined Hitachi, Ltd. She is a member of City Planning Institute of Japan and a council member of Leadership 111.

Speakers Session 1



DR. ANGEL HSU

Assistant Professor of Social Sciences, Yale-NUS College.

Angel Hsu, PhD, is an Assistant Professor of Environmental Studies at Yale-NUS College and Director/Founder of the Data-Driven Environmental Policy Lab (Data-Driven Lab), which applies next-generation data to solve climate change and its intersection with urbanization, air pollution, and energy.



MS. HERRY CHO

Head Sustainable Finance Asia Pacific, ING.

Ms Cho launched ING's Sustainable Finance regional franchise in 2017 and spearheaded the regional sustainability direction since 2015. She leads the origination and execution of sustainable finance transactions including green/social/sustainability bonds and loans in Asia Pacific, and broader sustainability advisory. Her clients include leading banks, corporates and conglomerates in the region. Ms Cho leverages on a broad financial background having worked in Mergers and Acquisitions Advisory, Capital Structuring and Advisory, and Equity & Debt Capital Markets for ING. Currently based in Singapore, Ms Cho has previously worked in Hong Kong, London and Amsterdam. She has led a number of sustainable financing firsts in the region across green and social bonds/loans, and She is on the Executive Committee Board of International Capital Market Association (ICMA)'s Green/Social/Sustainability Bond Principles, the sustainability lead on the APAC regional committee of ICMA and in the working group of the Loan Market Association's Green Finance Committee to shape the sustainable finance markets in this region and globally. Ms Cho is Korean-British and holds a combined Bachelors and Masters (MBioch) Degree in Molecular and Cellular Biochemistry from the University of Oxford, UK.



MR. CHRISTOPHER GORDON

National Youth Council Member, Chairperson of Eurasian Association Youth Committee.

Mr Christopher Gordon is a Council member of the National Youth Council and the Chairman of the Eurasian Association's (EA) Youth Committee. He feels very passionately about building a community of empowered youth who are clearly connected to their inner passion and life purpose, and actively driving positive change in Singapore (e.g. improving the lives of the underprivileged segments of society, environmental sustainability etc). To advance this goal, he founded Find Your Ikigai Singapore, a flagship programme incorporating life coaching and mindfulness meditation to help youth have a clear vision of their passion and life purpose and empower them to write their own personal success narrative where they can become positive change-makers.

Speakers Session 1



MODERATOR

MS. JULIANA LIM

Head, Talent Networking, SGInnovate.

As Head, Talent Networking, Juliana tackles the same challenges surrounding tech talent that many companies and industries face but approaches them differently. She leads SGInnovate's work in strengthening individuals' capabilities in the deep tech space, building a strong mentors multipliers network, as well as in expanding the talent marketplace, where ambitious and capable people and high-potential start-ups can seek each other out. Working with like-minded partners such as large corporates and institutes of higher learning, Juliana and her team have executed various learning and development programmes that have benefitted more than 400 deep tech talent in AI and Blockchain. In building the deep tech talent network, she is focused on three main areas – targeting new pipelines, increasing touchpoints and attracting talent to start-ups. Under her leadership, the team has also put together the first-ever deep-tech-focused apprenticeship initiative – the Summation Programme. A curated pool of students will partner experienced software and engineering professionals to embark on innovative projects focusing on areas such as artificial intelligence, machine learning, deep learning and blockchain.

Speakers Session 2



MS. CINDY LIM

Managing Director, Keppel Urban Solutions.

Cindy Lim is the Director of Group Corporate Development (GCD) of Keppel Corporation Limited and concurrently the Managing Director of Keppel Urban Solutions (KUS), a business unit of the Keppel Group that aims to become an end-to-end integrated master developer of smart, sustainable precincts in the Asia-Pacific region. As the Director of GCD, she focuses on operationalizing and actualizing the Group's goals, working closely with the various Group functions in Keppel Corporation and Business Units to jointly identify, assess and pursue opportunities for synergies, maximize value creation and optimize cost efficiencies.

Cindy is also the Country Lead for China, Vietnam and Myanmar where she partners respective chief and country representatives to harness the Group's collective capabilities, drive collaboration, coordinate business activities and accelerate the pace of synergy so as to generate new and incremental streams in these key overseas markets as OneKeppel.



MR. POON KING WANG

Director, Lee Kuan Yew Centre for Innovative Cities Singapore University of Technology and Design.

Poon King Wang is the Director of the Lee Kuan Yew Centre for Innovative Cities at the Singapore University of Technology and Design (SUTD). He is concurrently Senior Director of Strategic Planning at SUTD, and Co-Director of the SUTD-JTC Industrial Infrastructure Innovation Centre. He is on the International Advisory Panel of IoT Asia, and the Board of Live with AI (a France-Singapore think tank on Artificial Intelligence). He was previously on the Board of the BCA Centre for Sustainable Buildings Ltd (a collaboration between the United Nations Environment Programme and Singapore's Building and Construction Authority), and the IMDA-NRF-A*STAR's Services & Digital Economy Technology Roadmap Workgroup on Future-Ready Technologies.

Speakers Session 2



MR. THOMAS ABELL

Advisor of Sustainable Development and Climate Change Department, and Chief of Digital Technology for Development, Asian Development Bank.

Thomas Abell is leading ADB's Digital Technology for Development Unit, which is tasked with facilitating the effective use of digital technology in ADB programs to improve development impact.

He has over 20 years of professional experience in digital technology, including software development, systems architecture and technology strategy. During his 10+ years of experience in international development, he has worked extensively across Asia, Africa and Latin America, working with governments, development organizations, NGOs and corporations. He has authored several publications on the use of technology in development with leading organizations, including Consultative Group to Assist the Poor, UN High Commissioner for Refugees, Cash Learning Partnership, and Mastercard.



MODERATOR

MR. CHARLES ROSS

Editorial Director, The Economist Intelligence Unit.

Charles is currently director of thought leadership research for Asia, where he covers a territory spanning from Australia to India. His team works with many Western multinationals from the Fortune 500 but increasingly with Asian multinationals, governments, SMEs and high-growth technology firms as well. A native Australian, Charles is currently based in Singapore and has most recently managed the regions technology research practice. Leading a number of projects analysing the implication for business of new technology trends such as Industry 4.0, smart cities, big data, cloud computing, entrepreneurship and the internet of things, for the Commonwealth Bank, ANZ, Cisco, Telstra, Microsoft, Wipro, Akamai and the Singapore government. He is a frequent speaker at finance and technology events, recently giving keynote presentations at events in Singapore, Sydney, Jakarta and Hong Kong.

Speakers Session 3



MS. TAMSIN GREULICH-SMITH

Chief, Smart Health Leadership Centre, National University of Singapore.

Tamsin, Senior Fellow at Ministry of Health's Office for Healthcare Transformation, and expert design strategist for DesignSingapore Council, has 20+ years' experience delivering transformation programmes, integrating user-centric design and social innovation practices. A graduate of Imperial College, and Royal Society for Public Health fellow, she was the first jointly-funded post holder between London Borough of Barnet Planning Authority and Barnet Health Authority, pioneering integrated care strategies. At UK Department of Health she oversaw the national Heartbeat Award. Tamsin heads the Smart Health Leadership Centre at National University of Singapore, where she teaches and delivers data, technology and design-focused transformation programmes.



MS. GILLIAN TEE,

CEO and Co-Founder, Homage.

Gillian Tee is the CEO and co-founder of Singaporean startup Homage, an on-demand senior home care solution that matches trained caregivers to deliver personalised care through smart technology. Inspired by her personal story, Homage is a tribute to those who have raised us and a means to fulfil our seniors' wish to age at home with grace, control and dignity. Homage is backed by top venture capital firms Golden Gate Ventures, HealthXCapital and 500 Startups. Prior to Homage, she co-founded Rocketrip, a Y-Combinator startup based in Silicon Valley and New York. Gillian earned her Master's in Business Administration and Master's in Public Administration from Columbia Business School and Columbia's Graduate School of International and Public Affairs. She also holds a Bachelor's in Computer Science from the University of Melbourne.

Speakers Session 3



MODERATOR

MR. GUILLAUME SACHET

Partner, Digital Strategy, KPMG.

Guillaume has 23 years of experience in the tech and healthcare industry. Prior to joining KPMG as a Partner, he was the Head of Strategy at MediaCorp where he drove digital transformation, innovation and investments between 2012 and 2017. He was subsequently appointed Head of Social to manage social media and digital marketing activities. Prior to MediaCorp, Guillaume was a Partner with the strategy practice of Accenture, responsible for Telecom, Media and Tech strategy clients across Southeast Asia. Over the years, he has developed deep digital knowledge and expertise across the APAC region. He has spent close to 25 years in Asia, working in Singapore, Thailand, Malaysia, Indonesia, Australia, Brunei, Vietnam, Philippines, Korea and China. Recognized as a thought leader in the digital space, Guillaume is a regular speaker and writer.

Advisors



AMBASSADOR ONG KENG YONG

Executive Deputy Chairman, RSIS Director, Institute of Defence and Strategic Studies S. Rajaratnam School of International Studies, Nanyang Technological University, Singapore.

Ambassador Ong Keng Yong is Executive Deputy Chairman of the S. Rajaratnam School of International Studies (RSIS) at the Nanyang Technological University in Singapore. Concurrently, he is Director of the Institute of Defence and Strategic Studies (IDSS) and Head of the International Centre for Political Violence and Terrorism Research (ICPVTR) in RSIS. Mr Ong continues to hold the position of Ambassador-at-Large at the Singapore Ministry of Foreign Affairs. He is also Singapore's non-resident High Commissioner to Pakistan and non-resident Ambassador to Iran. Mr Ong has been the Chairman of the Singapore International Foundation (SIF) since 2015. Mr Ong was High Commissioner of Singapore to Malaysia from 2011 to 2014. He served as High Commissioner of Singapore to India and concurrently Singapore's Ambassador to Nepal from 1996 to 1998. Mr Ong served as 11th Secretary-General of ASEAN (Association of Southeast Asian Nations), based in Jakarta, Indonesia from January 2003 to January 2008. Mr Ong started his diplomatic career in 1979 and was posted to the Singapore Embassies in Saudi Arabia, Malaysia and the United States of America between 1984 and 1994. From September 1998 to December 2002, he was Press Secretary to the then Prime Minister of Singapore, Mr Goh Chok Tong, while holding senior appointments in the Ministry of Information, Communications and the Arts, and the People's Association in Singapore. From 2008 to 2011, he served as Director of the Institute of Policy Studies (IPS) in the Lee Kuan Yew School of Public Policy at the National University of Singapore. Mr Ong graduated from the then University of Singapore with a LLB (Hons). He studied at Georgetown University in Washington D.C., USA, and graduated with a MA in Arab Studies.

Advisors



MR. CHOI SHING KWOK

Director, ISEAS.

Mr Choi Shing Kwok was appointed Director of ISEAS on 15 January 2018. Prior to this appointment, he was Permanent Secretary in the Ministry of the Environment and Water Resources from July 2012 to September 2017.

Mr Choi started his career in the Singapore Armed Forces (SAF) in 1978. He held various appointments in the SAF before he was appointed as Director, Security and Intelligence Division, Ministry of Defence in 1995 and held the post till 2005. After leaving the Ministry of Defence, Mr Choi held the post of Permanent Secretary in the Ministry of Transport from February 2005 to June 2012. Mr Choi studied at the University of Cambridge, graduating with Bachelor's and Master's degrees in Engineering in 1981 and 1985 respectively. He also obtained a Master's degree in Public Administration from Harvard University in 1994.

Mr Choi was awarded the Public Administration Medal (Silver) (Military) in 1993 and the Meritorious Service Medal in 2000 for his significant contributions to the Singapore Public Service.



MS. KAY VASEY

Chief Connecting Officer, MeshMind.

MeshMinds is a leading creative technology studio focused on creating and distributing impactful, immersive and engaging experiences for mass audiences. Through its partnership with UN Environment, MeshMinds is tasked with mobilising creative technology to achieve the Sustainable Development Goals. The content creation, distribution and consultancy services of MeshMinds help to fund the artist incubation and research activities of The MeshMinds Foundation, a registered not-for-profit arts organisation that is focused on enabling sustainable development through creative technology. Team members across both organisations include experts covering VR, AR, 3D printing, IoT and AI, working with creators on ideas to drive the sustainable development of people and our planet.

Kay is an experienced international technology lawyer with significant experience in multimedia content licensing. She is an investor in three start-up technology companies across the recruitment, event marketing and ride-hailing sectors. She is passionate about the power of human connections to enable positive action for a better world.

Advisors



MR. KOSUKE HORIUCHI

Managing Director, Hitachi Asia Ltd.

As Managing Director of Hitachi Asia Ltd., Mr. Kosuke Horiuchi is responsible to grow and expand Hitachi's Social Innovation Business across the ASEAN region. Prior to his current position, he was Deputy Managing Director of Hitachi Asia Ltd. and had been actively developing and promoting Hitachi's business, particularly in the area of global IT sector for financial institutions.

Mr. Horiuchi started his career in Hitachi in 1989 right after graduating from university, and first joined the Information & Telecommunication Systems Company. He had accumulated around 25 years of extensive knowledge and experience in the field of financial systems across various financial institutions, including insurance, security firms and banks.

Before joining Hitachi Asia, he had served as General Manager, Financial Solution Sales Unit 1 of Financial Information Systems Sales Management Division, Information and Telecommunication Systems Company, Hitachi, Ltd., to develop and promote IT solutions for banks.

Mr. Horiuchi graduated in 1989 from Tokyo's Keio University, Faculty of Law.

Student Profiles

Indonesia



GELASIUS GALVINDY
Bandung Institute of
Technology

*Bachelor of Science in
Civil Engineering*



MUHAMMAD AFI RAMADHAN
Syiah Kuala University

*Bachelor of Economics in
Accounting*



LEONARDO
BINUS University

*Bachelor of Science in
Industrial Engineering*



TATYANA IBRAHIM
Sepuluh Nopember Institute of
Technology (ITS)

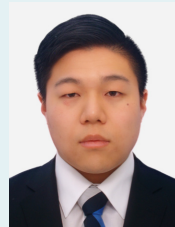
*Bachelor of Marine
Engineering*

Japan



AYAKA YAMAGISHI
The University of Tokyo

*Master of Sustainability
Science*



RYOSUKE KIMURA
Keio University

*Bachelor of Environment
and Information Studies*



MINA KONAKA
Tohoku University

*Master's Degree,
Department of Aerospace
Engineering*



WATARU IKEGAYA
Hokkaido University

*Bachelor in the Field of
Agricultural Economics at
the School of Agriculture*



Malaysia



DIVAGAAR SIVA
Universiti Kebangsaan
Malaysia

*Bachelor of Science in
Material Science*



OOI TENG HAO
Heriot-Watt University
Malaysia

*Bachelor of Mechanical
Engineering*



**MOHAMAD HAIRIDZ BIN
MOHD NAJIB**
HELP University

Bachelor of Economics



WONG WEI QI
Universiti Utara Malaysia

*Bachelor of Accounting
(Information System)*



Myanmar



HEIN HTET
University of Yangon

*Bachelor of Arts in
International Relations*



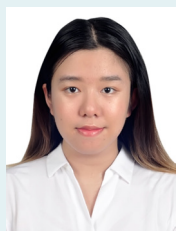
SET KAUNG SAN
University of Information
Technology

*Bachelor of Computer
Science*



KAUNG ZARNI NAING
Yangon Technological
University

*Bachelor of Engineering in
Mechatronics*



ZIN NWE ZAW LWIN
Yangon Technological
University

*Bachelor of Engineering in
Computer Engineering and
Information Technology*

Student Profiles



Philippines



ANGEL LISETTE SYSON LAO
De La Salle University

*Bachelor of Science in
Civil Engineering with
Specialisation in Structural
Engineering*



**KATRINA ALONZO
ABENOJAR**
Ateneo de Manila University

*Bachelor of Science in
Environmental Science
and Bachelor of Arts in
Economics*



**JADIN ZAM SALES
DOCTOLERO**
De La Salle University

*Bachelor and Master
of Science in Chemical
Engineering*



**KRISTIANA MIKAELA
LACSON LEVISTE**
De La Salle University

*Bachelor of Science in
Applied Economics major
in Financial Economics and
Bachelor of Science in the
Management of Financial
Institutions*



Singapore



SUBRAMANIAN GOWTHAM
Singapore University of
Technology and Design

*Doctor of Philosophy in
Infectious Diseases*



SUHAILA BINTE ZAINAL SHAH
Singapore University of
Technology and Design

*PhD in Technology and
Design, Humanities Arts and
Social Sciences Cluster*



MOCK YI JUN
The London School of
Economics and Political
Science

*Bachelor of Science (Hons.)
Politics and International
Relations*



VERONICA LOW KAI LIN
Singapore Institute of
Technology

*BA (Hons) in Criminology
and Security*

Thailand



JARIN JAMIE WONG
Chulalongkorn University

*Bachelor of Arts in
Communication Management*



RATCHAPOL SRIHONG
Chulalongkorn University

*Bachelor of Arts in Political
Science*



NOPASORN BOONPRAPAKORN
Chulalongkorn University

*Bachelor of Arts in
Communication Management*



SUCHANAD TANGSITTITUM
Chulalongkorn University

*Bachelor of Arts in
Communication Management*

Vietnam



NGO ANH PHUONG
Technische Universität
Berlin – Vietnamese German
University

*Master of Science in Global
Production Engineering and
Management*



TRAN PHUONG MAI
Diplomatic Academy of
Vietnam

*Bachelor of International
Relations*



PHẠM KHÁNH LINH
University of Economics Ho
Chi Minh City

*Bachelor of Business
Administration in Finance and
Banking*



TRINH HO ANH PHUONG
University of Economics Ho
Chi Minh City

*Bachelor of International
Business*

Notes

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HITACHI
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