

SSIA SIGNS MOUs WITH SUTD AND NUS

DEVELOP WORLD'S 1ST AI-DRIVEN IC DESIGN INTERNET PLATFORM WITH SUTD COLLABORATE WITH NUS ON TALENT DEVELOPMENT PROJECTS

Singapore, 24th July 2019 – Singapore Semiconductor Industry Association (SSIA) is the voice of Singapore's semiconductor industry and is committed to supporting this important sector in Singapore in order to facilitate substantial growth of the whole semiconductor economy of the country. SSIA signed two Memoranda of Understanding (MoU) today with Singapore University of Technology and Design (SUTD) and the National University of Singapore's School of Continuing And Lifelong Education (NUS-SCALE) respectively to strengthen its collaboration with the two universities.

The first MoU signing with SUTD took place in the morning at SUTD's annual Fostering Industrial Research Success Together (FIRST) Industry Workshop, where stakeholders from industry, academia and the Government convened to foster collaborative research and deepen industry-academia ties. The MoU was signed by Prof. Yeo Kiat Seng, Associate Provost of Research & International Relations, SUTD and Mr. Ang Wee Seng, Executive Director of SSIA. Under the MoU, SUTD and SSIA will jointly work towards the research and development of the world's first AI-driven Integrated Circuit (IC) design internet platform where existing Intellectual Property (IP) can be shared and traded, new IPs can be jointly created and optimised as well as new products and applications can be produced more reliably, cheaply and quickly. This partnership will also allow for another world-first endeavour - the use of Blockchain technology to protect the usage of semiconductor IPs.

"This collaborative research will build on SUTD's research expertise and SSIA's industry know-how as we strive to devise the world's first AI-driven Integrated Circuit design internet platform. The rich technological exchange will fuel the development of such innovative technologies to stay ahead of industry transformation and enable our leap towards greater connectivity, speed and capacity," said Professor Yeo Kiat Seng, SUTD Associate Provost for Research and International Relations.

The second signing of MoU took place at NUS Museum in the afternoon. It was signed by Prof. Wei Kwok Kee, Dean of NUS SCALE and Mr. Ang Wee Seng. The MoU coverage is focused on promoting thought leadership in lifelong learning and talent development for semiconductor industry professionals. NUS and SSIA will collaborate on initiatives and projects that will enable semiconductor industry professionals to stay relevant with the right knowledge and skills.

Said Professor Wei Kwok Kee, Dean, NUS SCALE: "In a world where technological disruption is now the norm, our workforce has to embrace lifelong learning to remain relevant and competitive.

As a champion of continuous and lifelong learning, we are ready to help prepare businesses for Industry 4.0 through our contemporary and engaging education and training programmes. Thus, we are proud to partner the SSIA to enhance the capabilities of Singapore's semiconductor industry, and propel it into the future with confidence."

Commenting on the two collaborations, Mr. Ang Wee Seng, SSIA Executive Director, said, “While the semiconductor industry in Singapore and the region is facing the recent economic challenge as well as the transformation of industry 4.0, innovation and talent will be the two key pillars to grow the industry. Signing MoUs with the two universities will enable us to help our peers embrace innovations and develop the right talents for the future.”

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About the Singapore University of Technology and Design

The Singapore University of Technology and Design (SUTD) is Singapore’s fourth public university, and one of the first universities in the world to incorporate the art and science of design and technology into a transdisciplinary, human-centric curriculum. SUTD seeks to advance knowledge and nurture technically-grounded leaders and innovators to serve societal needs. SUTD also recently topped a list of emerging engineering schools in the world in a study conducted by MIT.

A research-intensive university, SUTD is distinguished by its unique East and West academic programmes which incorporate elements of innovation, entrepreneurship, design thinking and local and international industry collaborations. SUTD will focus in key areas – Healthcare, Cities and Aviation, supported by capabilities in Artificial Intelligence/Data Science and Digital Manufacturing. Multiple post-graduate opportunities are available. In addition, skill-based professional education and training courses are also available at SUTD Academy. www.sutd.edu.sg

About NUS-SCALE

The National University of Singapore (NUS) is Singapore’s flagship university, which offers a global approach to education, research and entrepreneurship, with a focus on Asian perspectives and expertise. We have 17 faculties across three campuses in Singapore, as well as 12 NUS Overseas Colleges across the world. Close to 40,000 students from 100 countries enrich our vibrant and diverse campus community.

Our multidisciplinary and real-world approach to education, research and entrepreneurship enables us to work closely with industry, governments and academia to address crucial and complex issues relevant to Asia and the world. Researchers in our faculties, 29 university-level research institutes, research centres of excellence and corporate labs focus on themes that include energy, environmental and urban sustainability; treatment and prevention of diseases common among Asians; active ageing; advanced materials; as well as risk management and resilience of financial systems. Our latest research focus is on the use of data science, operations research and cybersecurity to support Singapore’s Smart Nation initiative.

For more information on NUS, please visit www.nus.edu.sg.



About Singapore Semiconductor Industry Association

Singapore Semiconductor Industry Association (SSIA) has more than 160 members today including companies and organisations throughout all parts of the complex and comprehensive value chain - IC design companies, Manufacturers, Fabless companies, Equipment suppliers, Photovoltaic companies, EDA and material suppliers, Training and service providers, IP companies, research institutes and Academia, as well as individual members. Since 2013, SME membership has grown exponentially and SMEs now account for close to half of SSIA's membership. For more information about SSIA, please visit: <https://ssia.org.sg/>

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