

SIAA QUARTERLY NEWSLETTER

JANUARY
2019
EDITION

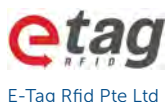


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MEET OUR NEW CORPORATE MEMBERS

Welcome to the SIAA community!



[Kawasaki Heavy Industries \(Singapore\) Pte Ltd](#)



[Transvictory Winch System Pte Ltd](#)



[UL International Singapore Pte Ltd](#)

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WHAT'S HAPPENING

SMS KOH POH KOON AS PATRON TO SIAA



SIAA is honoured and thrilled! Senior Minister of State Dr Koh Poh Koon is the Patron to our association. In the next 3 years, SIAA will focus on the following:

1. Profile our members to match demand and supply.
2. Build up the capability of our members through common module, knowledge sharing and alliance of collaborators.
3. Leverage on overseas partners and country trade offices to extend the reach of our members to the region, especially ASEAN. We will continue to participate actively in the IMAP scheme under Enterprise Singapore
4. Continue to create the awareness of Automation, IoT & Robotics in the industry as well as to assist the workforce to gain useful training for re-skilling or up-skilling efficiently in partnership with the academic institutes and training partners.

With these objectives set as well as the support and guidance from SMS Koh Poh Koon, SIAA is confident to achieve more synergy with the national blueprint and framework and allow our projects to be impactful and serve the industry and nation.

MOU WITH ITE & KAR

At SIRE 2018, SIAA signed 2 MOUs with the Institute of Technical Education (ITE) and Korea Association of Robot Industry (KAR) respectively. SIAA wishes to play our part to support institutes of higher learning to enhance the training and development students under the Industry 4.0 initiative. The collaboration with ITE will specifically focus on Robotics, Internet-of-Things (IoT), Automation Engineering and Artificial Intelligence (AI) Technology. The MOU signing was represented by CEO of ITE, Ms Low Khah Gek and President of SIAA, Mr Terence Teo with SMS Koh Poh Koon witnessing the ceremony on 1 Nov.

With KAR, it is renewing the commitment from both associations to continue to promote and facilitate the formation of a regional robotics ecosystem by leveraging on shared networks and expertise between Singapore and Korea companies. It also underscores the longstanding friendship between SIAA and KAR. Representatives from KAR are : Mr KIM Hwan-Guen, Vice President and Mr Johnny KIM, General Director.



SINGAPORE INTERNATIONAL ROBO EXPO 2018

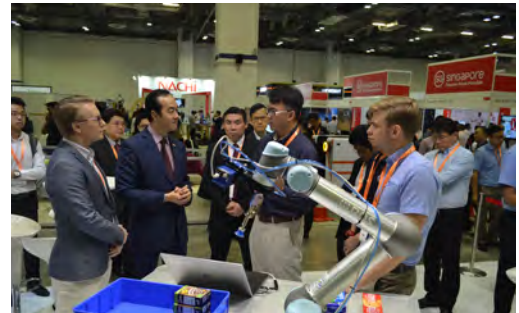
It is a wrap for SIRE 2018! We achieve growth with 2750 attendees this year.

The 3rd edition of SIRE focused on next generation robotics in both its conference as well as exhibition showcase, addressing the entire value chain from technology research and development to test bedding to final commercialisation and go to market.

SIRE 2018 was inspired by Industry 4.0 evolutions, deep-diving into "Autonomous Robotics" technologies. SIRE is the only dedicated robotics-centric platform in Singapore and in ASEAN. This year, SIRE hosted government and private sector leaders as well as research and academia representatives. The objective is to share, address economic & social challenges, co-create solutions and forge partnerships.

SIRE's mission is to promote industry growth, spearhead adoption as well as elevate Singapore's status as a leading robotics hub. SIAA wishes to thank exhibitors, sponsors, speakers and the committee as well as our partner Experia Events for their support and contributions.

Photo of the events can be found [here](#)



CLOUD NATIVE ARCHITECTURE NETWORK WITH IMDA



On 22 Nov 2018, Minister for Communications and Information, S Iswaran unveiled Services 4.0 as part of the Services and Digital Economy Technology Roadmap (SDE TRM), which was conducted in consultation with more than 120 local and international business leaders and technology experts.

Services 4.0 was identified as an engine of growth for Singapore's digital economy, as the services industry accounts for 72% of Singapore's GDP and 74% of national employment. Services 4.0 is Singapore's response to the SDE TRM and envisions Singapore delivering next-generation services that are end-to-end, frictionless, empathic, and anticipatory to customer needs.

As a start, one of the programmes which was launched to support the ICM sector's participation in the Services 4.0 ecosystem was SG:Digital Cloud Community, a pioneer group of companies and associations that promotes the adoption of the Cloud Native Architecture by using multi-cloud, component services and APIs which SIAA is proud to be part of this ecosystem. Through this, we hope to bring on board members to make emerging technologies more accessible to companies.

You may learn more about SDE TRM [here](#)



SIAA ROUNDTABLE II WITH MULTI-AGENCIES

System Integrators Roundtable II is a follow-up to the inaugural System Integrators Roundtable held in April 2018 where System Integrators exchanged challenges faced and voiced their pressing needs in business.

In this sequel held on 1 Nov at SIRE 2018, SIAA present invited NEA, BCA, AVA & MPA to share and highlight projects to be initiated by agencies in the coming months.

It gives members an opportunity to have a face to face interaction with the representatives and also network with fellow industry partners.

SIAA JOINS GLOBAL ROBOT SUPER CLUSTER

Robotics is at the core of the Fourth Industrial Revolution and is the new growth engine of the future. The sustainable development of the robotics industry requires a global co-operation network to be established among robotic clusters for global exchange and forming a co-operation framework.

In this regard, SIAA comes together with 7 other associations from France, Korea, Malaysia, Russia and USA to form this alliance - Global Robot Super Cluster on 15 Nov 2018 in Daegu Global Robot Business Forum. This aims to promote the development and operation of local robot cluster around the world via:

1. Exchange of information within the cluster for development and co-operation
2. Collaborate and enhance partnership for technology development to achieve win-win outcome for members in the respective organizations
3. Collaborative exchange of technology, human resource, capital and market within the cluster



Participating organization is in the declaration:



1. Daegyeong Robot Enterprise Promotion Association (REPA)
2. COBOTEAM
3. FFC Robotique
4. Malaysia Robotics and Automation Society (MyRAS)
5. Russian Association of Robotics (RAR)
6. Singapore Industrial Automation Association (SIAA)
7. MassRobotics
8. Silicon Valley Robotics (SVR)

PARTNERS' NEWS

BUILT ENVIRONMENT (BE) ROBOTICS RESEARCH AND DEVELOPMENT (R&D) PROGRAMME GRANT CALL



The BE Robotics R&D programme is a multi-agency effort, led by the Building and Construction Authority (BCA) together with the National Robotics Programme (NRP), that recognises the opportunities that robotics can offer in improving efficiency, safety and quality of work processes, reduce manpower and creating new higher value-adding job opportunities in the BE sector.

The programme focuses on research, development and deployment of innovative robotics in three focus areas with practical implementation and commercialisation potential, including Manufacturing, Assembly and Smart and Sustainable Assets.

The first open grant call under the BE Robotics R&D programme was launched at the Singapore International Robo Expo (SIRE) on 1 November 2018. It calls for research proposals with solution on:

1. Automated lane closure
2. Site monitoring robot
3. Heavy materials transport robot

The closing date is 25 January 2019. If you are interested to participate and wishes to find partners to work together, please write in to SIAA at civic@siaa.org

For more information, please visit https://www.bca.gov.sg/ResearchInnovation/be_robotics_r&d_programme.html

FUTURE JOBS, SKILLS AND TRAINING (FJST) FORUM 2019



The Future Jobs, Skills and Training (FJST) Forum 2019 will be held on 1 Feb , Friday 2-5pm; it is an platform where unions, enterprises, education and training providers, U-associate partners, and government agencies will come together to share actionable insights on industry transformation.

Themed "Transformation in Action", FJST Forum 2019 will share critical actionable keys for industry transformation through real-world examples of early successes in the manufacturing, marine engineering, healthcare and financial services industries and showcase emerging best practices through the sharing of industry and union leaders, employers and workers. Join the event to explore how stakeholders can collectively take these best practices forward to scale collaborative efforts and maximise industry transformation outcomes through pre-emptive action for the benefit of all stakeholders and our economy.

SUBMIT YOUR NOMINATION FOR IOT ASIA TRAILBLAZER AWARD NOW!



IoT Asia is the region's most established and recognised platform dedicated to the IoT, this platform fuels IoT solutions adoption, powers solutions innovation and gathers outstanding IoT companies.

IoT Asia Trailblazer Award 2019 serves to recognise and encourage companies who have made significant contributions to the region's IoT eco-system and community. It gives winning companies an additional leverage in promoting their IoT solutions. Invited independent industry experts will evaluate the submissions and winners will be awarded the IoT Asia Trailblazer Award 2019 on 26 March at IoT Asia 2019.

Closing date: 22 Feb 2019
[Submit your nomination now!](#)

PARTNERS' NEWS

WE ARE OPEN FOR INNOVATION

The Open Innovation Platform (OIP), an initiative by the Info-Communications Media Development Authority of Singapore (IMDA), aims to connect real business challenges to Problem Solvers like you. If you are an innovative tech company looking to solve real business challenges and access new customers.

Successful winners of each challenge will be awarded prize monies and be given the opportunity to co-create, validate and commercialise their innovations with Problem Owners. The 2nd Innovation Call – now open for applications - could just be what you are looking for! Join the OIP community [here](#) and view the full set of challenges!



Upcoming

WATCH OUT FOR OUR EDM ON:

- **SMART MANUFACTURING SEMINAR WITH SINGAPORE MANUFACTURING FEDERATION (SMF) ON 27 FEB (2-5PM)**
- **MEMBERS' VISIT TO ABB CUSTOMER EXPERIENCE CENTRE ON 6 MAR**
- **MEMBERS' VISIT TO MODEL FACTORY@SIMTECH ON 12 MAR 2019**
- **SINGAPORE PAVILION WITH IMAP FUNDING FOR 2019-2020** [Click here to find out more!](#)

MEMBERS' VISIT TO MODEL FACTORY@SIMTECH ON 12 MAR



The Model Factory@SIMTech is an actual production environment that allows for experiential experimentation and learning of digitalisation technologies for Industry 4.0. For the Manufacturing Control Tower™ (MCTTM), the focus will be on digitalisation technologies.

From a research viewpoint, the environment provides an ideal platform for the development of critical technologies such as cyber-physical-production systems (CPPS) and flexible automation across the three layers in a manufacturing environment, namely Shopfloor, Enterprise and Supply Chain.