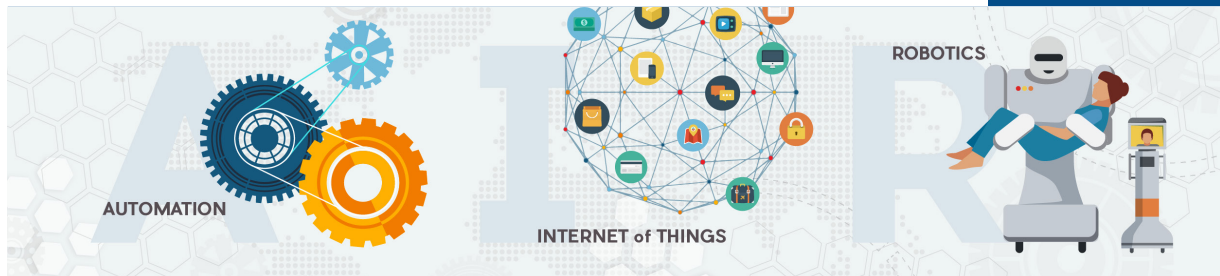


SIAA QUARTERLY NEWSLETTER

OCT
2019
EDITION



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MEET OUR NEW CORPORATE MEMBERS

Welcome to the SIAA community !



A Plus
Automation (S)
Pte Ltd



Delta



IMI Precision
Engineering



Metasystems
BME Pte Ltd



QC Engineering
Pte Ltd



Twin Disc (Far
East) Pte Ltd



UCT Technology
Pte Ltd

Weston Robot

Weston Robot

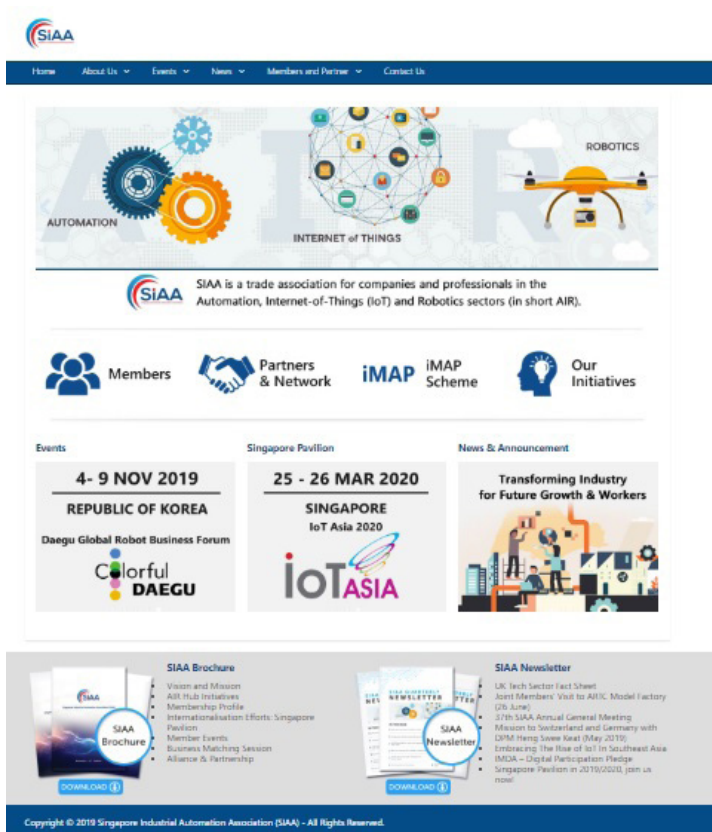


BRAND NEW LOOK OF SIAA WEBSITE!

SIAA's website has done a make-over!
Check it out at www.siaa.org

New Features:

- Click to view members' corporate website to know what they do
- Find out who are SIAA's partners
- Fresh look of our newsletters



MEMBER RECRUITS NEW MEMBER

Did you help to bring a new member into SIAA, and was rewarded \$20 voucher for your effort? From Sep 2019, this effort of yours is going to be much more meaningful! Instead of getting a \$20 shopping voucher from us, SIAA would like to ignite the charity fire in you.

We aspire to be a socially responsible association, thereby you would be given 2 options for your reward:

- 1) \$20 Popular Books Store shopping voucher.
- 2) Adopt a Socially Responsible Gift

Let us know what you want, and we do the shopping for you with your \$20 reward!

Recommended Sites for SR gifts:

1. <https://www.theartfaculty.sg/en-sg/products/corporate-gifts?PageNum=6&SortBy=Price&SortOrder=DESC>
2. <https://www.sondersocial.com/shop>
3. <https://gooddogpeople.com/collections/the-animal-project>



6 WAYS 5G WILL CHANGE THE IOT SOLUTIONS SPACE

Why is 5G one of the most anxiously awaited technologies in recent memory, and why is it so geopolitically consequential? Because 5G has the potential to change the world.

Between 2018 and 2025, operators and investors will bet about \$1 trillion globally on 5G becoming the de-facto wireless communication standard worldwide. This bet is certainly a safe one for multiple reasons, and many of them have to do with the changes that 5G heralds for the Internet of Things.

Here are six ways 5G will change the IoT for the better:

<https://www.iotforall.com/6-ways-5g-will-change-the-iot-solutions-space/>

By Kayla Matthews -August 15, 2019

RETHINK THE FUTURE OF AUTOMATION

Konica Minolta is redefining the workplace of the future, helping you work smarter, more productively and collaboratively. The rise of robotics is reshaping how we work as it provides us the ability to automate work processes in the manufacturing sector and even service industries.

Through the integration of robots with customers' backend systems and facility infrastructure, the work force of the future will achieve greater productivity and efficiency.

With service robots taking on mundane and repetitive tasks, employees will have more time to take on higher value-added roles. Robots will also ensure consistent service for regular operational tasks and ensure customer experience is not compromised by the shortage of manpower in certain key industries.

Website:

<https://bic.konicaminolta.asia/service-robotics>

Brochure:

<https://bic.konicaminolta.asia/wp-content/uploads/2019/09/Konica-Minolta-Robotic-Solution.pdf>

Case Study:

<https://bic.konicaminolta.asia/wp-content/uploads/2019/05/MiR-Casestudy.pdf>





In July 2019, Deputy Minister Yu-Chin Hsu of Ministry of Science & Technology (Taiwan), MOST lead a delegation of 16 from the 4 AI centres in Taiwan with main missions in AI Core Tech+BioMed, Smart Manufacturing, Pervasive AI services and BioMed.

They were in Singapore to attend the opening ceremony of CERTIS Centre for Applied Intelligence in Singapore. During their trip here, SiAA arranged for the group to visit Intel-wise, a company which recognizes how digital technologies are changing the way we live, work, consume, create and began by dramatically improving and changing the way global data is distributed. It is presently working with international corporations to provide business information for due diligence checks and data verification.

At the visit, the host and 3 other Taiwanese companies shared with the delegation the collaboration efforts between Singapore and Taiwan companies; each contributing their strengths and expertise in AI, Blockchain, Data Analytics to IoT in Facility Management respectively for various projects.

SiAA is heartened that companies are coming together from the 2 geographies and this can be an opportunity for more collaborations between SiAA and Taiwan Business Association in Singapore.

Jiet INFORMATION SYSTEM", which is the information platform of Jiet, is a members-only system where you can register and view business information, and you can search membership information from the system.

They came to share with us their good news of a representative office just opened in Singapore in May 2019. Information of projects, and human resources of the whole country are registered every day, the information is automatically distributed to all members twice a day.

SiAA looks forward to work with the local Jiet office to create business opportunities for our members.



REMINDER FROM IMDA

PDPC issued a reminder that organisations must not indiscriminately collect, use, retain or disclose National Registration Identity Card (NRIC) and other national identification numbers from 1 September 2019, when the updated NRIC Advisory Guidelines (NRIC AG) take effect.

<https://www.pdpc.gov.sg/pdpc/news/latest-updates/2019/08/reminder-on-nric-advisory-guidelines-compliance-deadline>

What does DPO stand for?

Under the Personal Data Protection Act 2012 (PDPA), organisations are required to develop and implement policies and practices that are necessary to meet its obligations under the PDPA. In particular, organisations are required to designate at least one individual, known as the data protection officer (DPO), to oversee the data protection responsibilities within the organisation and ensure compliance with the PDPA.

OUR PARTNERS



ASEAN-KOREA ROBOT BUSINESS FORUM - OCT 9-12, SEOUL ,KOREA

Korea is the second largest market for industrial robots and has the highest robot density in the world. In this regard, the ASEAN-Korea Robot Business Forum, organised by ASEAN-Korea Centre (Trade and Investment Unit), Korea Institute for Robot Industry Advancement and Korea Association of Robot Industry aims to provide a platform to share the latest industrial trends on the robotics industry and strengthen business network between ASEAN.

Four delegates from each 10 ASEAN Member States forming a group of 40 will be embarking on the trip to Seoul, Korea from 9 to 12 October 2019. Their common objective is to share the policy roadmap, industrial trends and business practices between ASEAN and Korea and to provide opportunities for network-building between ASEAN and Korea.

Look out for our next Dec issue to find out more of their exciting moments there.

INDUSTRIAL TRANSFORMATION ASIA-PACIFIC 2019 (ITAP) - OCT 22-24, SINGAPORE EXPO

Industrial Transformation ASIA-PACIFIC 2019 (ITAP) will be the engaging and inclusive event where stakeholders and targeted audience groups convene for networking and knowledge transfer opportunities for business success. ITAP is pleased to provide attendees and delegates with well-rounded learning experiences comprising different dimensions of programming both on- and off-site the event at Singapore Expo.

To illustrate the growing importance of robotics technology in the advanced manufacturing and service sectors, the new Robotic Experimental Zone in collaboration with Singapore Industrial Automation Association sets to inspire attendees with a future lab featuring innovative robotics display and interactive exhibits.

Featuring robotics demonstrations and interactive exhibits, the Zone is designed to inspire visitors to ITAP with a future lab comprising innovative displays and interactive robotics for use in the manufacturing and logistics space.

Attendees can participate in talks, presentation sessions, workshops and observe live demonstrations showcasing cost-effective and ready-to-purchase solutions developed by local and regional SMEs for the manufacturing sector.

DAEGU GLOBAL ROBOT BUSINESS FORUM 2019 - NOV 5-8, KOREA

Our council and some members will be attending the above forum in November hosted by Daegu Metropolitan City and jointly organized by Daegyeong Robot Enterprise Promotion Association (REPA), Daegu Mechatronics & Materials Institute (DMI), EXCO(Daegu Exhibition & Convention Center), Korea Institute for Robot Industry Advancement (KIRIA), Daegyeong-region Branch of Korea Industrial Complex Corporation (KICOX), and Global Robot Cluster (GRC).

400 officials from more than 11 countries from the Robot Industry will be participating in this global event:

- United States: Silicon Valley ROBOTICS (SVR), Mass Robotics
- France: Rhône-Alpes cluster COBOTTEAM, FFC Robotique
- Russia: Robot Association of Russia(RAR)
- Singapore: Singapore Industrial Automation Association(SIAA)
- Malaysia: Malaysia Robotics & Automation Society(MYRAS)
- Spain : Hisparob - Israel : Israeli Robotics Association(IROB)
- Turkey: ROBODER
- Uzbekistan : Ministry of Innovation Development of the Republic of Uzbekistan
- Philippines : Mechatronics And Robotics Society of the Philippines(MRSP)
- Thailand: Institute of Field Robotics(FIBO), Thai Automation and Robotics Association(TARA)
- Denmark : Odense Robotics - etc.

Besides the business forum, the programme list includes The Night of Global Robots 2019, Global Robot Cluster Regular General meeting, meeting for Constructing Global Robot Cluster Network, plus visits to the Related Robot Organization (Business) and Local Cultural Facilities. A sightseeing tour of Daegu Night Tour and Culture Tour is also in the programme.

Look out for our December issue to know about our members' experiences on this trip.



COURSE TITLE: INTRODUCTION TO COLLABORATIVE ROBOTICS

Learn to evaluate the suitability of different collaborative robots based on the intended applications and existing standards.

For more information and/or to apply:

<https://eservices.nyp.edu.sg/all/cseDetails.jsp?id=13841>

COURSE TITLE: BUSINESS MODELLING TOWARDS 4.0 (I4.0)

Learn to understand the common digital solutions available i.e new business models possibly generated by I4.0 and job redesign required, to improve business processes in order to reduce costs as well as create new demands.

For more information and/or to apply:

enquiry.ccl@smfederation.org.sg



Arise Services creates a platform to share and build capabilities in SMEs through training and harnessing information technology to increase productivity.

They wish to know what you think regarding CITREP+ and the choice of content you are looking for, please take 5 minutes to complete the survey.

<https://docs.google.com/forms/d/1KFVmkiz2kFsPOdfcgSRVOFLyZiEv3nfQu6-mj56fMDs/edit?usp=sharing>



Weston Robot

Weston Robot is a Singapore-based robotic company providing solutions for automatable and non-automatable working scenarios. Our automated robots are widely used in logistics, security patrolling, tracking and inspection and picking-and-placing.

Our exoskeletons, designed to augment workers' strength, improve labor productivity tremendously for all non-automated work.

www.westonrobot.com



QC Engineering Management Pte Ltd aims to be a global supplier in Industrial Automation Products be it Active or Obsolete. Our main specialty is in sourcing parts for your automation needs, whether it's new, reconditioned or obsolete.

Working closely with our team and partners worldwide, we have also established ourselves to be resourceful and as problem solvers in this industry. We can also repair and fix your automation equipment.

<https://www.qc-engineering.com.sg/>



Delta, founded in 1971, is a global provider of switching power supplies and thermal management products with a thriving portfolio of smart energy-saving systems and solutions in the fields of industrial automation, building automation, telecom power, data centre infrastructure, EV charging, renewable energy, energy storage and display, to nurture the development of smart manufacturing and sustainable cities.

<http://www.deltaww.com/about/company.aspx?secID=5&pid=0&tid=0&hl=en-US>