

SIAA QUARTERLY NEWSLETTER

OCTOBER
2018
EDITION



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MEET OUR NEW CORPORATE MEMBERS

Welcome to the SIAA community !



[Access Professional \(S\) Pte Ltd](#)



[Chemtron Pte Ltd](#)



[Credent Technology \(Asia\) Pte Ltd](#)



[Digital Microsystems Pte Ltd](#)



[Doog International Pte Ltd](#)

FACTORY



[Factory Chain Pte Ltd](#)



[Globotix Pte Ltd](#)



[Hui Huang Technology Pte Ltd](#)



[Innopartner Pte Ltd](#)



[Klenco \(Singapore\) Pte Ltd](#)



[Lionsbot International Pte Ltd](#)



[Matrix Invent MSC Sdn Bhd](#)



[S2G Technology Pte Ltd](#)



[SHINGDA Consulting Pte Ltd](#)



[Sin Ghee Huat Corporation Pte Ltd](#)



[SpaceAge Labs Pte Ltd](#)



[SWTS Pte Ltd](#)



[Turck Banner Singapore Pte Ltd](#)



[USA Asset Fund Pte Ltd](#)



[Voss \(F.E.\) Pte Ltd](#)



CALLING OUT TO ALL CORPORATE MEMBERS, WE WANT TO HEAR FROM YOU!

We would like to know your business and profile your company accordingly. It will help us get a better understanding to serve you better - crafting of programmes, activities and matching of business opportunities and collaborations which suits you. Take 5 mins to answer this [short questionnaire](#) now.

MEMBER REFERRAL PROGRAMME

Refer a Corporate Member to SIAA and receive a \$20 dollar voucher as a token of our appreciation.



SIGN UP FOR 3 YEARS CORPORATE MEMBERSHIP BUNDLE AND SAVE \$200!

Contact us at secretariat@siaa.org

BUSINESS MATCHING OPPORTUNITIES WITH 30+ UK TECHNOLOGY COMPANIES (22-23 OCT)



UK Technology Mission to Singapore 2018

22-23 October, Marina One East Tower Singapore

The UK Government's Department for International Trade (DIT) will be bringing its largest ever cohort of technology companies to Singapore for two days of business matchmaking with Singapore based companies. Up to 40 UK technology companies specialising in **Cybersecurity, Smart Cities and Health Tech** will be participating in the mission each offering innovative solutions to the challenges Singapore faces today and in the future.

This event will be the perfect opportunity for Singapore companies to connect with our UK technological expertise. We look forward to you joining us.

To register your interest and for further information please contact RSVP.Singapore@fco.gov.uk

INDUSTRIE 4.0 : GERMAN DELEGATION TO SINGAPORE (25 SEP)

In cooperation with the German Federal Ministry for Economic Affairs and Energy, the Singaporean-German Chamber of Industry and Commerce (SGC) organised an incoming German delegation to Singapore. SIAA is delighted to support SGC in an exclusive symposium titled 'Industrie 4.0', where the German delegates have interacted with SIAA members.

The aim is to support German companies in the development of the Singaporean market as well as further fostering bilateral ties between Singaporean and German Companies in regard to digitalisation solutions and services for the implementation of Industry 4.0 in the manufacturing space.

Mr Oliver Tian, Immediate Past President of SIAA was the keynote speaker at this symposium.



LET'S TALK ABOUT THE FUTURE: EMBARKING TOWARDS SMART MANUFACTURING (12 SEP)

Joining forces with Singapore Manufacturers Federation (SMF), SIAA invited both association members to learn how to digitalise their business and manage it more efficiently using technology and data as the backbone for monitoring of their production and maintenance of equipments. Thus allowing manufacturers to react faster to changes in customer demand and fluctuations in shop floor operations. The recent virus attack at TSMC plant underscore the importance of cybersecurity in industrial manufacturing. Talent is another important component to the success of smart manufacturing.

During the panel discussion which was moderated by SIAA Automation Lead, Mr David Chia, there were keen interest on how businesses can take the first step to access the state of their business in terms of vulnerability to cyber attacks, using solutions to have more visibility of their production operations as well as the services and courses offered by the local polytechnics for their manpower. It was a fullhouse turn-out! We thank PDS, SICK, Singapore Polytechnic & Kaspersky Lab for sharing their knowledge.



DELEGATION FROM SICHUAN, CHINA (24 AUG)

We were extremely happy to host a group of visitors from Sichuan, China consisting of directors and department heads of Sichuan Provincial Machinery Research & Design Institute, Sichuan Enterprise Federation and 5 other organizations.

They were in Singapore to learn more about how Singapore has been constantly experimenting to integrate automated processes in manufacturing activities and in the light industry sector. They were also keen to learn about how our association, SIAA has contributed the development of industrial automation in Singapore.

SIAA had made new friends and hope this friendship can blossom to business collaborations between companies in the 2 geographies in the future.



INDUSTRY 4.0 TRIP TO THAILAND (21 – 23 AUG)



During a Mission Trip to Bangkok, organized jointly with Enterprise Singapore, SIAA visited a number of installations in Thailand, including, the Thailand-German Institute, FIBO, TRS (Thai Robotic Society), TARA (Thai Automation and Robotics Association), Thai Machinery Association as well as Delta Electronics.

The objective of the trip was to explore business opportunities for member companies to invest and collaborate with Thai counterparts. It also gave SIAA a better idea into "Thailand 4.0" economic model. Under this initiative, the Thai government plans to transform Thailand into an innovation-driven economy and aims to develop a "new S-Curve" of 5 industries – Automation and Robotics; Aviation and Logistics; Digital Economy; Biofuels and Biochemicals; and Medical.

More info on Thailand 4.0 can be found [here](#)

MEMBERS' & PARTNERS' NEWS

GREYORANGE EXPANDS ITS GLOBAL FOOTPRINT, OPENS U.S. HEADQUARTERS IN ATLANTA

Singapore-headquartered [GreyOrange](#), recognized as one of the world's [Top 50 Robotics Companies](#) every year since 2016, has established its U.S Headquarters in Atlanta, Georgia. To better serve local customers and meet market demands, GreyOrange has started setting up its local manufacturing facility in the U.S. to manufacture and deploy 20,000 robots in the U.S.

GreyOrange is also opening an R&D centre in Boston, Massachusetts, to further expand its technology development capability. The team of 60 engineers (for AI, human-machine interface, machine vision and data intelligence) will add to the current global team of 250 R&D engineers in Singapore and India. Read [here](#) for full article.



MA MICRO AUTOMATION SETS UP NEW SUBSIDIARY IN SINGAPORE

MA micro automation, a leading international manufacturer of Industry 4.0 ready automated manufacturing systems has setup a new subsidiary in Singapore.

MA micro automation brings expertise in micro manufacturing, precision optical inspection systems and advanced robotics to South East Asia. The head office is located in St. Leon-Rot, Germany with a global team of approx. 150 people. MA micro automation Pte Ltd is a fully owned subsidiary of MAX automation SE



GET A GRIP ON PRECISION

Pick & Place is a standard task that occurs in many handling and assembly processes. A small gripping system that is both quick and powerful – up to now, is often possible with pneumatics. However, compressed air supply requires a complex infrastructure and providing it for every step is difficult and expensive.

Discover how FAULHABER helps SCHUNK to create a new small parts gripper in this gripping case study which explores:

- Greatest disadvantage of pneumatics in small gripping systems
- How the mechatronics-based EGP 40 from SCHUNK tightens its grip on precision without compressed air
- The features of FAULHABER Brushless DC-Servomotor becoming an important technical platform in small parts gripper development

Please follow [this link](#) for full article



MEMBERS' & PARTNERS' NEWS

HUMAN-ROBOT COLLABORATION. SAFETY GUARANTEED!

As your partner for safe automation of your robot application, Pilz has compiled the relevant aspects and requirements of safe robotics for you. Download our free copy of the Pilz Robotics Whitepaper – Safe Robotics at a glance!

In this white paper, you can find answers to the following questions:

- How does the market for robotics develop?
- What is the current position of standards?
- What steps must be taken to achieve safe robot applications?

Visit the [website!](#)



P-MAX PROGRAMME

P-MAX

Maximise Your Potential
A Place-and-Train Programme for
Professionals, Managers, Executives and Technicians

An initiative by:



Free Job Matching



\$5,000
Assistance Grant



HR Training Workshops



Post-training
Follow up

Contact us to know more!

✉ p-max@ntuc.org.sg

NTUC U SME is the programme manager for P-Max under the Adapt and Grow initiative to help small and medium-sized enterprises (SMEs) to better recruit, train, manage and retain their newly-hired Professionals, Managers, Executives and Technicians (PMETs).

It enables SMEs to establish better communication channels between supervisors and staff and to adopt progressive HR practices (e.g. goals setting, performance management) for newly-hired PMETs within their SMEs. The newly-hired PMETs will be better acclimatise to the new work environment and to encourage better retention of PMETs in SMEs.

Contact U SME at p-max@ntuc.org.sg to find out more on the P-Max programme.

Coming up!

SIRE 2018: SAVE THE DATE!

SINGAPORE
INTERNATIONAL
ROBO EXPO

1-2 November 2018
Sands Expo & Convention Centre
Marina Bay Sands, Singapore
www.sire.com.sg

Themed 'Riding Opportunities in Exponential Change', the Singapore International Robo Expo (SIRE) 2018 aims to be a platform that creates opportunities for people to meet, connect and convert. As the industry undergoes transformation towards decreasing costs and greater flexibility of robotics technology, it is important to bring together the trade and community segments in dialogue on the business capabilities and wider adoption of robotics. See a suite of robots for cleaning, inspection, healthcare, manufacturing at the exhibitions and learn from thought leaders on the demand from NEA, MPA, BCA & AVA for automation & robotics solution!

Click [here](#) to find out more.

Use promo code "SIAA20" to get 20% off conference pass, exclusive to SIAA Members only!

Coming up!

REGIONAL INDUSTRY NETWORKING CONFERENCE (RINC) 2018

The Regional Industry Networking Conference (RINC) is an iconic industry event organised annually by the polytechnic since 2002. Our current technological focus is driving the Advanced Manufacturing (AM) initiative.

Through RINC 2018, we aim to promote the adoption of AM technologies and solutions to enterprises in the local industry and develop the manpower with such technological capability for the industry. We are also ramping up efforts to develop the capability and technology to meet the global industrial standards. In our R&D, we are now developing many projects to showcase and demonstrate AM applications.

RINC 2018 "Digital Solutions – Empowering Smart Industry" will be on 9 Nov 2018.

Register here: <https://www.sp.edu.sg/engineering-cluster/rinc/home>



Coming up!

3RD ELECTRON DEVICES TECHNOLOGY AND MANUFACTURING CONFERENCE



3rd Electron Devices Technology and Manufacturing (EDTM) Conference 2019

IEEE Electron Devices Technology and Manufacturing (EDTM) Conference will be held in Singapore, 12 – 15 Mar 2019. Launched in 2017 and sponsored by the IEEE Electron Devices Society (EDS), EDTM is rapidly becoming a premier conference for the electron devices community. EDTM provides a unique forum for discussion of a broad range of device-related topics including materials, processes, devices, packaging, modeling, reliability, manufacturing, and yield. The conference location rotates among countries in Asia, coming to Singapore for the first time in 2019.

We cordially invite you to submit papers for the 2019 IEEE Electron Devices Technology and Manufacturing Conference (EDTM 2019). Papers are sought on any topic within the scope of the conference.

<http://ewh.ieee.org/conf/edtm/2019/call/index.html>

Coming up!

IOT ASIA 2019 – BUILDING VALUE CHAINS ON SMART CITIES AND INDUSTRIAL IOT

IoT Asia is an award winning event that brings solutions providers, technology heads, design / solution architects, engineers, academic institutions, investors and start-ups together for an enriching learning and sharing experience.

IoT Asia 2019 will be held from 27 – 28 March in Singapore EXPO. The exhibition and conference will address the interests of the IoT ecosystem players within the 5 key segments - Smart Cities, Industrial IoT, Artificial Intelligence, Blockchain, Data Analytics and Enablers.

Visit www.internetofthingsasia.com for more information. Contact Us at sales.iotasia@singex.com



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