



# TECHINNOVATION

**SINGAPORE** 20 - 21 SEPT 2016

RESORTS WORLD CONVENTION CENTRE

**DISCOVER**



**CONNECT**



**COLLABORATE**



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**SINGAPORE** 20 - 21 SEPT 2016  
RESORTS WORLD CONVENTION CENTRE

**TECHINNOVATION** is the premier technology-industry brokerage event that enables enterprises to **DISCOVER** innovative technologies, **CONNECT** with new partners and **COLLABORATE** to bring new ideas and opportunities to market in the spirit of Open Innovation.

With a key focus on matching industry needs to ready-to-market technologies in the areas of Services and Digital Economy, Advanced Manufacturing & Engineering, Urban Solutions and Sustainability and Health & Personal Care, the two-day event will offer an exciting programme of stimulating plenaries, showcase of emerging technologies and vibrant networking opportunities to unlock your business potential through technology and innovation.

Join leading corporate R&D, research organisations, university technology transfer offices, IP intermediaries, technology translators, multi-national corporations, small & medium enterprises and public agencies at Asia's leading technology marketplace!

## HIGHLIGHTS OF TECHINNOVATION 2016



### CROWDSOURCING

Seek collaborations and discover technologies through an open innovation platform.



### CROWDPITCHING

Exhibit and pitch technologies for commercialisation or co-development to technology seekers.



### BEST PRACTICES

Learn from thought leaders and be inspired by successful enterprises in their innovation journeys.



### 1-TO-1 MEETINGS

Connect with potential collaborators through pre-matched business meetings.

Visit [www.techinnovation.com.sg](http://www.techinnovation.com.sg)

For more information, please contact [techinnovation@ipi-singapore.org](mailto:techinnovation@ipi-singapore.org)

Organised By:



Key Partner:



Network Partner:



Partner Event:



# PROGRAMME

Time		20 September 2016	
08:30	Technology Exhibition		
09:30	Opening Plenary		
11:00	Networking Break		
11:30	<b>CROWDSOURCING (I)</b> <b>Industry Seeking Solutions and Technologies</b>  A unique and open crowd-sourcing platform for enterprises to engage the audience for innovation and technologies. Industry speakers and technology seekers will share emerging trends, challenges and opportunities in their respective industries. They will invite solutions, technologies and partnerships from industry and the R&D community to collaborate, co-create and co-develop innovation. Technology providers with the right innovations have the opportunity to work together on projects with some of the world's leading organisations. Local SMEs can also tap into SPRING Singapore, Partnerships for Capability Transformation (PACT) funding program to partner large corporations in technology transfer and development to build innovative local enterprises.		
13:00	Networking Break		
14:00	<b>CROWDPITCHING (I)</b>  <b>Technology &amp; Innovation Opportunities in Services &amp; Digital Economy</b>	<b>CROWDPITCHING (I)</b>  <b>Technologies &amp; Innovation Opportunities in Advanced Manufacturing &amp; Engineering</b>	
	Digital is changing our lives in a multitude of ways. The impact stretched from communications to shopping to social interactions.  Capitalise on the benefits that digital will bring, check out presentations featuring latest in Big Data, Business Analytics & Data Mining, Mobility, Social Media, Context-Aware Computing, Cloud Computing, Cyber Security, Video & Image Recognition, User-Device Interaction, Augmented Reality, Multimedia Processing & Delivery, Learning Technologies, Natural Language Processing, Wearable Computing, Internet of Things, Sensors & Transducers, In-Memory Computing, Green & Sustainable IT, Next Generation Networks & Communication, Optoelectronics & Optical Systems, Printed Electronics, etc	Facing intense and growing competition in the global markets, companies have to address the challenge of producing high-performance products by relying on better novel materials.  With a growing trend in the capitalisation of nanotechnology to achieve this benefit and improve your business competitiveness, join the presentations featuring the latest in Nanotechnology, New Materials & Composites, Functional Coatings and Surface Modifications. The session will also cover related Productivity Tools and Manufacturing Processes such as Sustainable & Energy-Efficient Manufacturing etc.	
15:30	Networking Break		
16:00	<b>CROWDPITCHING (II)</b>  <b>Technology &amp; Innovation Opportunities in Health &amp; Personal Care</b>	<b>CROWDPITCHING (II)</b>  <b>Technology &amp; Innovation Opportunities in Urban Solutions &amp; Sustainability</b>	
	New technologies are constantly in development to help people stay healthy, better diagnose diseases, treat illnesses and provide a better quality of life.  Stay up-to-date with the latest by joining these presentations which will feature Personal Care, Molecular Diagnostics & Biomarkers, Biotech Research Reagents & Tools, Medical Imaging & Informatics, Mobile and Telehealth, Hospital Records and Management Systems, Patient and Elderly-care Assistive Devices, Medical Devices, Materials & Processes for Medical Devices, Materials & Processes for Medical Devices Sterility Assurance Technologies etc.	Sustainable design of buildings and environment increases the efficiency usage of energy, water, and materials. A clean and green environment reduces the negative impact on the environment, improving human health.  Be at the forefront of Clean Technology and check out presentations featuring the latest in Clean Energy, Power Management, Indoor Air Quality Management, Environment Monitoring Sensors and System and Waste Recycling & Management, etc.	
17:30	End of Session		

**Time**      **21 September 2016**

**08:30**      **Technology Exhibition & Business Meetings**

**09:30**      **Opening Address**

**11:00**      **Networking Break**

**11:30**      **CROWDSOURCING (III)  
Industry Seeking Solutions and Technologies**

A unique and open crowd-sourcing platform for enterprises to engage the audience for innovation and technologies. Industry speakers and technology seekers will share emerging trends, challenges and opportunities in their respective industries. They will invite solutions, technologies and partnerships from industry and the R&D community to collaborate, co-create and co-develop innovation. Technology providers with the right innovations have the opportunity to work together on projects with some of the world's leading organisations. Local SMEs can also tap into SPRING Singapore, Partnerships for Capability Transformation (PACT) funding program to partner large corporations in technology transfer and development to build innovative local enterprises.

**13:00**      **Networking Break**

**14:00**      **PLATFORM TECHNOLOGIES & APPLICATIONS:  
SMART NATION - IOT SECURITY**

**Smart Cities, SECURED Nations**

Intelligent devices are anticipated to be deployed widely in our smart nation or other smart cities. These intelligent devices, known widely as Internet-of-Things, when not adequately protected can be attacked through the hardware, the wireless network, the operating systems and other devices or systems they are connected to. In mild cases, it would be just damages at the device level, while in serious cases it could cripple infrastructures or even endanger human safety.

In this session, we will share some of these security challenges and also platforms/technologies to address them.

**Europe - Singapore  
Partnership Opportunities**

**Expand your Innovation and Business Reach through  
the Enterprise Europe Network (EEN)**

The EEN is the world's largest business and innovation support platform to promote two-way business partnership, technology transfer and research collaboration between SMEs in the European Union and the rest of the world. With the inauguration of EEN Singapore in April 2016, Singapore enterprises can now be connected to 600 EEN Partner organisations and millions of innovative SMEs from across 28 EU countries and over 30 non-EU countries.

EEN Partners from Europe will introduce innovation and business opportunities from their regions. Promising European SMEs with innovative technologies in nano-technology, ICT, Environment, Healthcare and Energy etc seeking Singapore partners to enter the Southeast Asia markets will be featured. Join us in this segment and network with the EEN Partners and discover the opportunities through the Enterprise Europe Network.

**15:30**      **Networking Break**

**16:00**      **PLATFORM TECHNOLOGIES & APPLICATIONS :  
ADDITIVE MANUFACTURING**

**Appreciating Design Principles and Strengths of  
Additive Manufacturing**

Additive Manufacturing technology as a disruptive technology has been a hot topic for many industry experts in the recent years. Much hype has been focused on its potential to revolutionise the future of manufacturing, thus ushering the era of Advanced Manufacturing. Like all technologies, Additive Manufacturing is not without its limitations. Much more intellectual thought and development are required in this area to fully appreciate the potential and capabilities of Additive Manufacturing.

This forum brings together a panel of industry experts, who will be sharing on how manufacturers can leverage on Additive Manufacturing's strengths and its limitations with the present state of Additive Manufacturing technology.

Through this forum, manufacturers will have the opportunity to learn to integrate Additive Manufacturing with traditional manufacturing processes to create innovative solutions for their clients, achieving high productivity and bring their service offerings to the next level.

**17:30**      **End of Session**

## CONFIRMED EXHIBITORS THIS YEAR... MORE TO COME!

A\*STAR Institute of Materials  
Research and Engineering  
Adamson University  
Alexandra Health  
Appknox  
Bronx Material Research Centre  
Cambridge Consultants  
Camtech Diagnostics  
Chiang Mai University  
Chulalongkorn University  
ClearVue PV  
Curtin University  
DBS BusinessClass  
DeltaTech Korea  
Display IT Card  
Eastern Health Alliance  
ED Research  
Envichem  
Expert Team  
Fraunhofer IDM@NTU  
Global Interface Wireless  
Technologies  
GV Concepts  
Hourglass Research  
Hungarian Trading House  
Singapore  
Hydroemission  
Industrial Technology  
Research Institute

Institute of Technical Education  
IP Bridge  
Istanbul Sehir University  
Istanbul Technical University  
Kagawa University  
Khon Kaen University  
King Abdullah University of Science  
& Technology  
Kobe University  
Koc University  
Luxon Data Limited  
Lynxemi  
Mahidol University  
Marks & Clerk  
MediaTek  
Nagoya University  
Nanyang Poly  
National Healthcare Group  
National Health Innovation Centre  
National University Health System  
National University of Singapore  
NEW CREATE  
Newcastle University  
Ngee Ann Polytechnic  
NIESM  
Norwegian University of Science  
and Technology  
NTUitive  
Panasonic R&D Centre Singapore

Patsnap  
Paxata  
Peking University  
Platcom Ventures  
Polygo Recovery Pte Ltd  
Proto King  
Rabbit Technologies  
Republic Poly  
RHT i-Assets  
RMIT  
Sabanci University  
Seoul National University  
simmachines  
Singapore Management University  
Singapore Poly  
SingHealth  
SMX Pte Ltd  
Singapore University of Technology  
and Design  
Temasek Polytechnic  
The Hong Kong Polytechnic  
University  
Transformesh  
Umore Consulting  
Universiti Kebangsaan Malaysia  
University of Philippines Diliman  
V3 Teletech  
Yildiz Technical University

## FACTS & FIGURES FROM TECHINNOVATION 2015



**2,100  
participants**



**Over 70% of  
delegates from  
industry**



**More than 270  
technologies  
showcased**



**Attendees from  
31 countries**



**69% of delegates  
are senior  
and mid-level  
management**



**Over 300  
meetings initiated**



## WHAT OUR DELEGATES SAY

"I've participated in many events and TechInnovation is by far the best."

**Paymond Raskhy**  
**Founder and CEO**  
**Lynxemi Pte Ltd**

"You supported me perfectly in networking by making sure that I meet all the relevant people and companies. This showed how well-connected you are within the region."

**Timo von Bargaen**  
**Open Innovation Manager**  
**Clariant GmbH**

"I'm very impressed by the high-quality standards of the event and professionalism of the IPI team. I'd benefited much from the event and I'm sure I will be successful in getting deals from the many meetings that I've had."

**Dr Marco Gorini**  
**Head of Innovation and Technology**  
**Advisory Services,**  
**Veneto Innovazione Spa (Enterprise**  
**Europe Network-North East Italy)**

"It is my pleasure to participate in TECHINNOVATION 2015. I am very glad that we made the decision to join the event and also to give a presentation for Crowdsourcing. We found many interesting people and technologies to be collaborated further."

**Dr Suracha Udomsak**  
**Technology Business Group Head &**  
**R&D Director**  
**SCG Chemicals**

"TECHINNOVATION 2015 was a well planned and organised event with global participation by both local and international brand names with highly relevant technologies spanning breadth and depth. It certainly contributes to Singapore's drive towards innovation and productivity growth!"

**Tan Ka Huat, Managing Director,**  
**CEI Contract Manufacturing Limited**

## ABOUT THE ORGANISER

IPI was established by the Ministry of Trade & Industry, to enable enterprises to grow their business through technology and innovation. Focusing on industry needs, IPI works with enterprises to source for technologies locally or from abroad; and facilitate partnership to bring new products and services to the market.

**For more information, visit [www.ipi-singapore.org](http://www.ipi-singapore.org)**