

Press Release
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The Federation of Thai Industries to Host “Exponential Manufacturing Thailand 2019” Summit To Transform Thai Industrial Enterprises toward International Standard

The Federation of Thai Industries has announced it will host the “**Exponential Manufacturing Thailand 2019**” summit to transform the industrial enterprises in Thailand in a significant way and for the first time in Southeast Asia, in cooperation with Singularity University (SU), the acclaimed collectives of thinkers and innovators from Silicon Valley, USA that focuses on overcoming the industrial growth traps through the use of innovations and technology. The “**Exponential Manufacturing Thailand 2019**” summit is the first national agenda that can initiate exponential growth and development among businesses in the industrial sector. It also aims to push forward Thai industries to be able to compete with the global market and sustainably develop its economy, society, and environment. The summit is to be held on May 15-16, 2019 at the InterContinental Bangkok.

“Due to the influence of changes in disruptive and exponential innovations and technology in every manufacturing industry, it is important for the industrial enterprises to immensely adapt themselves to catch up with this trend in order to enhance their manufacturing efficiency. They are encouraged to apply innovations and technology to elevate and sustain their capability and competition in the industrial sector. Apparently, many industries have exploited more automation or even robots in their production,” said **Mr. Supant Mongkolsuthree**, Chairman of the Federation of Thai Industries.

“As the center of Thai industries that connects the public and private sectors, which are mainly composed of SMEs, domestically and internationally, the Federation of Thai Industries realizes the need for the industrial sector to be aware of the evolving innovations and technology in the coming future. To this end, the F.T.I. is hosting the “**Exponential Manufacturing Thailand 2019**” on May 15-16, 2019 to stress its Industry Transformation Policy which focuses on the development and transformation of the industrial sector through the use of innovations and technology. Over 15 globally renowned speakers with expertises in the related fields have been invited to share their ideas and experiences on various topics including innovations and technology in manufacturing, artificial intelligence, energy, and environment. Now is the time for Thailand to open up the mind and learn about the change which can be a good opportunity to foresee the visions and directions of the industry in the future to increase Thai industry potential to meet the international standard.

Most importantly, I am confident that this summit will trigger significant changes both in the public and private sectors. Also, the members of the F.T.I. can adapt and apply what they learn to their own industry. All in all, the F.T.I. and other sponsors hope that the summit will bring about the collaboration among Thai industries to strongly and sustainably attain exponential growth as expected.

Over 1,000 participants including top executives from both public and private sectors, young entrepreneurs, and business people worldwide are attending this two-day summit that will focus on technological advancements and groundbreaking innovations which play a role in the exponential changes of our industry. Having top innovative experts and leaders from Singularity University, Silicon Valley present to share their experiences and ideas is truly the highlight of the “**Exponential Manufacturing Thailand 2019**,” concluded **Mr. Supant**.

Mr. Chaiwat Kovavisarach, President and Chief Executive Officer of Bangchak Corporation Public Company Limited, and Vice President of the Federation of Thai Industries said, “Technology has become critical in moving our industries forward from mass production to the next step of global competition. Developed countries such as the United States attach great importance to this matter. They have coined the term ‘Singularity,’ which is a theory stating that artificial intelligence will become smarter than humans, and all the advancements will reflect exponential growth. As a result, Singularity University at the Silicon Valley Corporation to predict and follow up on such advancements in related fields and in every profession and industry, and to exchange that information to improve and adjust itself to the constantly changing world situations. Previously, the said information sharing events would be held in the United States exclusively for top executives who had to spend over 7 figures to participate. However, today the F.T.I. has brought the experts of Singularity University from all over the world to meet and share their experiences with us on the topic of Exponential Manufacturing right here in Bangkok. I believe that this is a good opportunity for our industrial operators to join the event and open our mind and eyes to this new trend together.”

The “**Exponential Manufacturing Thailand 2019**” summit is sponsored by many leading national and international organizations, such as Siam Commercial Bank, Bangchak Corporation, CP Group, Energy Absolute, Indorama Ventures, True Corporation, BJC, CISCO, Depa, Frasers Property, IRPC, PTT, SET, Sigha Corporation and Synnex (Thailand).

Examples of the “Exponential Manufacturing Thailand 2019” summit participants include:

1. **Andre Wegner**, Chair, Digital Manufacturing, Singularity University
Andre is the founder and CEO of Authentise. He is an expert in 3D Printing and opportunities of distributed manufacturing.
Topic “*Agile Manufacturing: Delivering Industry 4.0’s Promise.*”
2. **Dr. Anja Boisen**, Professor and Head of the Centre of Excellence at the department of Micro- and Nanotechnology at the Technical University of Denmark and a faculty at Singularity University
Anja has thorough knowledge on micromechanics and nanotechnology. She has received many awards, such as the Villum Kann Rasmussen Award, the EliteForsk Award, and ‘Sapere Aude - top researcher award’ from the Danish Council for Independent Research.
Topic: “*How Nanotechnology Can Find Solutions from Diagnostic and Treatment of Cancer to Industrial Problems*”
3. **Jason Dunn**, an international pioneer in the fields of commercial space, digital manufacturing, and disruptive technologies. In 2014 he was recognized by Forbes on the prestigious “30 Under 30” list.
Topic: “*Extraterrestrial Manufacturing.*”
4. **Tim Geurtjens**, Co-Founder, CTO at MX3D
His company produced the world’s first 3D printed steel bridge in Amsterdam.
Topic: “*The Future of Digital Fabrication.*”
5. **Russ Angold**, CTO and Co-Founder of Ekso Bionics
His Exoskeleton technology helps people who have stroke and spinal cord injury to rehabilitate. The technology is used for construction, manufacturing, and industrial applications.
Topic: “*Technology and Engineering to Help People Rethink Current Physical Limitations and Achieve the Remarkable.*”

For more information and ticket sales of the “**Exponential Manufacturing Thailand 2019**” summit, please visit <http://www.singularitythailandsummit.org/> or send an e-mail to contact@singularitythailandsummit.org

About Federation of Thai Industries

Federation of Thai Industries (F.T.I.) www.fti.or.th was established on November 13, 1967. It has operated under the management of Mr. Suphan Mongkolsuthee, Chairman, and Mr. Chaiwat Kovavisarach, Vice Chairman since 2018.

F.T.I. is the private sector administrative juristic person to serve as the core organization and also as the centre for all Thai industries in the kingdom. It is a non-profit organization with the main duties of promoting and supporting the industry, focusing on both developing sustainable growth for all industrial operations in the country.

About Singularity University

Singularity University (“SU”) is a global learning and innovation community using exponential technologies to tackle the world’s biggest challenges and build an abundant future for all. Our collaborative platform empowers individuals and organizations to learn, connect, and innovate breakthrough solutions using accelerating technologies like artificial intelligence, robotics, and digital biology. Our offerings include educational programs, conferences, innovation workshops, corporate and startup accelerators, social impact programs, and online news and content.

Singularity University (“SU”) spans more than 110 countries and includes entrepreneurs, corporations, development organizations, governments, investors, and academic institutions. With over 370 impact initiatives, the SU community is driving positive change in the areas of health, environment, security, education, energy, food, prosperity, water, space, disaster resilience, shelter, and governance.

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