

Press release

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Exhibitors and buyers highly anticipate PCIM Asia 2018 with a 12% increase in net area

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The 2018 edition of PCIM Asia has gained solid support from exhibitors and buyers within the power electronics industry. The net area of this year's show has grown by 12% as exhibitors prepare to present their latest innovative solutions and products at the show. The finalists for Best Paper Award and Young Engineer Award have also been confirmed.

PCIM Asia is an international exhibition and conference for power electronics, intelligent motion technology, renewable energy and energy management. The fair, to be held from 26 – 28 June at the Shanghai World Expo Exhibition Center, is jointly organised by Guangzhou Guangya Messe Frankfurt Co Ltd and the Shanghai Pudong International Exhibition Corp, with Mesago PCIM GmbH as a partner.

This year, many exhibitors have opted to expand their booth size, resulting in a 12% increase in net area compared to last year's show. Mitsubishi Electric & Electronics (Shanghai) Co Ltd, a long-term exhibitor at the show, has expanded its booth size by 25% to present their state-of-the-art products and technologies. The 2018 edition of the show will see a number of famous brands make their PCIM Asia debut:

- **Isabellenhütte Heusler**

Isabellenhütte Heusler is one of the world's leading manufacturers of electrical resistors and thermoelectric alloys for temperature measurement as well as being a well-known manufacturer of passive components for the automotive, electrical and electronics industries. The company also produces precision measurement systems for current, voltage and temperature measurement in cars and trucks, hybrid and electric vehicles, as well as in industrial and renewable energy generating systems.

- **Vacuumschmelze China**

Established in 2001, VAC China is a branch company of Germany VAC Group which employs a workforce of more than 1,000 people in China. The company specialises in HF inverters used in telecommunications, E-meter current sensors and magnetic cores made with non/nano-crystal material.

- **Yangzhou Guoyang Electronics Co Ltd**

Yangzhou Guoyang Electronics Co Ltd owns a 2,000 sqm

Messe Frankfurt (HK) Ltd
35/F China Resources Building
26 Harbour Road
Wanchai, Hong Kong

workshop with more than 80 sets of instruments for scientific research and the manufacture of various products. Being an important entity of the Nanjing Electronic Devices Institute Corp, the company specialises in the development and mass production of power semiconductor modules like the SiC.

PCIM Asia 2018 Conference confirms finalists for Best Paper Award and Young Engineer Award

Held alongside the exhibition, the PCIM Asia Conference is one of the most important application-oriented, international conferences in the field of power electronics and their application in intelligent motion, renewable energy and energy management in China. The conference gathers some of the world's leading industry experts to present the latest power electronics applications and take part in technical discussions. Some of the highlighted topics this year include advanced technologies for power semiconductor devices and passive components as well as high efficient power converters for e-mobility and renewable energy technologies.

“The Best Paper Award” and “The Young Engineer Award” will be granted to the winners from submissions that highlight technologies, market trends and government policies within the power electronics industry. The organisers will present these awards in recognition of the outstanding contribution made by those in the industry.

The finalists of Best Paper Award 2018:

Presentation: 800V Synchronous Buck Converter with Series-connected GaN Power Transistors

Speaker: Mr Alexander Hensler, Siemens AG, Germany

Presentation: Active Clamping with Nonlinear Gate Voltage Control Unit

Speaker: Mr Ming Wang, Delta Electronics, China

Presentation: Fully Optimized Discrete Coupled Inductor DC/DC Converter as The TriMagiC Converter™

Speaker: Mr Mitsunao Fujimoto, ALPS Electric, Japan

The finalists of Young Engineer Award 2018:

Presentation: USCi SiC JFET Cascode and Super Cascode Technologies

Speaker: Mr Zhongda Li, United Silicon Carbide, USA

Presentation: Parallel Connection of Silicon Carbide MOSFETs for Electric Vehicle Application

Speaker: Mr Wie Liu, ZF Japan, Japan

Presentation: A Novel Carrier-Overlapped PWM Based Voltage Balancing Method for Four-Level Neutral-Point Clamped Converters

Speaker: Mr Kui Wang, Tsinghua University, China

PCIM Asia Conference has been the leading international meeting point for specialists in the Chinese power electronics market for over ten years. This year 68 renowned speakers have been invited from China, Denmark, Germany, Japan, South Korea, Spain, Switzerland, Turkey, UK and USA combining a diverse mix of industry professionals and academic experts.

To find out more about the 2018 show, please visit www.pcimasia-expo.com, or email pcimasia@china.messefrankfurt.com.

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Background information on Messe Frankfurt

Messe Frankfurt is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With more than 2,500* employees at some 30 locations, the company generates annual sales of around €661* million. Thanks to its far-reaching ties with the relevant sectors and to its international sales network, the Group looks after the business interests of its customers effectively. A comprehensive range of services – both onsite and online – ensures that customers worldwide enjoy consistently high quality and flexibility when planning, organising and running their events. The wide range of services includes renting exhibition grounds, trade fair construction and marketing, personnel and food services. With its headquarters in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent).

* preliminary numbers 2017

For more information, please visit our website at:

www.messefrankfurt.com | www.congressfrankfurt.de | www.festhalle.de