

Press release

July 2020

## PCIM Asia Conference 2020 to present the best of power electronics research and practice

Yan Li  
Tel. +852 2238 9281  
[yan.li@hongkong.messefrankfurt.com](mailto:yan.li@hongkong.messefrankfurt.com)  
[www.messefrankfurt.com.hk](http://www.messefrankfurt.com.hk)  
[www.pcimasia-expo.com](http://www.pcimasia-expo.com)

PCIM20\_PR5\_Eng

**PCIM Asia, one of the most significant business events for power electronics in Asia, will take place from 16 – 18 November 2020 at the Shanghai World Expo Exhibition and Convention Center. Held concurrently with the three-day trade fair is the reputable PCIM Asia Conference, which will once again bring together the brightest minds, foremost innovations and hottest trends in the areas of power electronics, intelligent motion, renewable energy and energy management from around the world. For the first time, the conference will be hosted online and offline simultaneously.**

Thought-provoking and practical, the PCIM Asia Conference is recognised as one of Asia's most influential conferences in the field of power electronics. As an integral part of PCIM Asia, the conference aims to provide a professional, effective platform that enables leading individuals from the sector of power electronics to exchange ideas and progress technologies that drive the industry forward. The conference will once again gather top-notch academics from all over the world in Shanghai, to share ground-breaking research and innovations, as well as insights on the trends and future development of the industry.

### **Online conference to be held concurrently with the offline conference**

PCIM Europe, the sister fair of PCIM Asia, successfully moved its international exhibition and conference online from 7 – 8 July 2020. Following the success of PCIM Europe, the PCIM Asia Conference will take place both online and offline for the first time, which allows attendees from all over the world to join this not-to-be-missed annual event.

### **Strong lineup of speakers to cover a wide range of hot topics**

E-Mobility and Infrastructure will be the highlighted topic of this year's conference — four poster sessions will focus on Advanced Power Devices, whilst eight oral sessions will cover the below topics:

- High Power Density Converters
- AC/DC Converters
- High Power Devices
- Intelligent Gate Drives

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

- Fast Switching Devices
- Advanced Packaging Technologies
- Advanced Power Converters Design
- DC/DC Converters

This year, a total of 69 conference papers, including 36 oral presentations and 33 posters, will be presented at the conference. The authors come from various countries and regions, including China, Canada, Egypt, Germany, Greece, Japan, South Korea, the US, the UK and Taiwan. Below are some of the highlights:

#### Keynotes

- **Keynote 1:** Communication-less Coordinative Control of Distributed Energy Source Converters  
**Speaker:** Prof Jinjun Liu & Prof Zeng Liu, Xi'an Jiaotong University, China
- **Keynote 2** The Latest Technical Trends of Power Devices for E-mobility  
**Speaker:** Dr Masahito Otsuki, Fuji Electric, Japan
- **Keynote 3:** Compact and Reliable Isolated DC/DC and SiC Gate Drivers for Automotive Applications  
**Speaker:** Dr Baoxing Chen, Analog Devices, Inc. (ADI), USA

#### Special sessions

- **Topic:** High-Speed Railway Power Traction  
**Chairperson:** Prof Yongdong Li, Tsinghua University, China
- **Title 1:** Power Conversion Technologies (PCT) in Electrification of Transportation of China  
**Speaker:** Prof Yongdong Li, Tsinghua University, China
- **Title 2:** Discussion on Reactive Power Regulation of On-Board Converters of Locomotives  
**Speaker:** Mr Zhixue Zhang, CRRC Zhuzhou Institute, China
- **Title 3:** Control in Flux-Weakening Region of PMSM for Rail Transit  
**Speaker:** Prof Chenchen Wang, Beijing Jiaotong University, China
- **Title 4:** Sensorless Control of Induction Motors for Electric Locomotive Traction Systems  
**Speaker:** Mr Guofeng Yuan, North China University of Technology, China

#### Tutorial

- **Title:** Modular Multilevel Converters – Operating Principles and Applications  
**Speaker:** Prof Drazen Dujic & Prof Stefan Milovanovic, Power Electronics Laboratory, EPFL, Switzerland

PCIM Asia  
Shanghai, China  
16 – 18 November 2020

## **Virtual trade platform to connect businesses across the world**

In addition to the online conference, PCIM Asia will be launching a digital trade platform that complements the traditional face-to-face exhibition. Simple, fast and free, the online platform will offer:

- Free access to detailed product catalogues with search functionality
- Real time live chats between exhibitors and visitors
- Interactive educational programming
- Dynamic 3D or virtual reality (VR) showrooms for exhibitors to showcase their products and services

Online registration for the PCIM Asia Conference 2020 is now open.

Interested parties can register here: <http://messefrankfurt.kenti-creative.com/index.php?moduleId=132&pageName=form&pld=95&plang=1>

PCIM Asia is jointly organised by Shanghai Pudong International Exhibition Corp, Guangzhou Guangya Messe Frankfurt Co Ltd and Mesago Messe Frankfurt GmbH.

To find out more, please visit [www.pcimasia-expo.com](http://www.pcimasia-expo.com) or email [pcimasia@china.messefrankfurt.com](mailto:pcimasia@china.messefrankfurt.com).

– end –

### **Background information on Messe Frankfurt** (as of June 2020)

Messe Frankfurt is the world's largest trade fair, congress and event organiser with its own exhibition grounds. With about 2,600 employees at 29 locations, the company generates annual sales of around €736 million. We have close ties with our industry sectors and serve our customers' business interests efficiently within the framework of our Fairs & Events, Locations and Services business fields. One of the Group's key USPs is its closely knit global sales network, which extends throughout the world. Our 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. Headquartered in Frankfurt am Main, the company is owned by the City of Frankfurt (60 percent) and the State of Hesse (40 percent). For more information, please visit our website at: [www.messefrankfurt.com](http://www.messefrankfurt.com)