

Dear PCIM Asia participants,

It's my great pleasure to invite all of you to the PCIM Asia Conference and Exhibition 2020 in Shanghai.

I am very happy that this year we are having an outstanding high level technical program in complimentary to 3 leading experts for keynote presentations and 4 poster sessions. The PCIM is targeting important innovations in the field of power electronics system engineering, the new generation of power devices and packaging technologies. For companies the PCIM is the worldwide leading event to launch new components and power conversion units in the market. Power electronic experts and scientist are presenting their latest research results during the conference. Decision makers from companies and academia use the PCIM platform to generate new market segments and trigger future research directions. Within the last decade power electronics technology has become the driving forces for many new fields of applications such as all electric transportation systems, future renewable energy technologies and factory automation systems. The PCIM Asia Conference and Exhibition serves as a technical and scientific platform for engineers and researchers engaged in all fields of power electronics starting from power components, power converter technologies, and future smart control systems.



Innovative products displayed and discussed during the PCIM Conference

The exciting technical program of this year's PCIM is addressing the next generation of power devices with a strong focus on wide bandgap material and the latest research results on advanced digital controlled power converters for industry and automotive applications. Further highlights will be design considerations for ultrafast switching devices and advanced packaging technologies.

Key development trends along the power electronics roadmap

In the keynote presentations this year we are highlighting development trends for advanced control of distributed energy source converters, the power device roadmap for electric vehicle including charging infrastructure technologies and new developments for SiC devices gate driver operating in high power density DC/DC converters. Distinguished speakers will be discussing power converters for high-speed railway traction applications. As a further highlight this year we implemented a tutorial on future modular multilevel converters.

The Young Engineer and Best Paper Award will be announced during the PCIM Asia Conference 2020 – this is certainly one of the highlights of the conference.

I am very excited having the opportunity to interact with the power electronics experts around the globe and look forward to sharing with all of you an outstanding and successful high level technical conference in Shanghai.

Leo Lorenz

General Conference Director, Germany