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| **­Press release** | 23 February 2022 |
| Topic preview of the PCIM Europe 2022: Highlights of the exhibition and conference | Vineeta Manglani  Tel. +49 711 61946-297  Vineeta.Manglani@mesago.com  [pcim-europe.com](http://www.pcim-exhibition.com/) |

**From 10 - 12 May 2022, the international power electronics industry will meet again live in Nuremberg after nearly two years of predominantly digital exchange. As in previous years, visitors of the leading exhibition and conference for power electronics can expect product innovations and a top-class lecture program.**

This year, the PCIM Europe will be held in a hybrid format for the first time, focusing on the on-site event, which will be accompanied by a digital platform. The latter can be used to make appointments for the event week, as well as to watch contributions of the forum and conference on-demand afterwards.

As early as the 04.05.2022, interested parties can look forward to so-called "Teaser Talks" from exhibiting companies and summaries of the conference highlights as part of the "digital warm-up". Furthermore, the digital networking feature will be open from this point on.

Subsequent to the on-site event, the "digital follow-up" will take place on 18.05.2022 as a finale and to intensify the contacts made.

**International exhibitors and special topics**

Just under three months before the start of the PCIM Europe, the exhibitor list includes more than 300 companies, from start-ups to industry leaders, of which more than half are international (53%).

With the Batteries & More - Energy Storage Pavilion, a special exhibition area will be dedicated to the subject of Power Quality and Energy Storage, with companies specializing in this area of application. This topic will also be part of the lecture program of the specialist forum as well as the user-oriented conference.

**Three exhibition forums as visitor highlights**

Complementing the E-mobility Area, the E-mobility Forum offers specialist presentations by Hitachi Energy, Heraeus, EBV Elektronik and other well-known exhibitors.

At the Exhibitor Forum in Hall 7, interested parties can discover the latest product innovations by companies such as Semikron and Nexperia.

The Industry Forum is the platform for high-quality presentations and panel discussions on current research and development topics. The agenda includes, for instance, "Next Generation BESS Design - Future-Oriented Connection Technology for Enabling New Design Architecture" (Pheonix Contact), "Besides SiC Inverter Numerous Advantages what are its Impacts on E-Motor?" (Yole Developpement) and "The Next Level of Wide Bandgap Design - SiC and GaN" (Bodo's Power Systems). In addition, the forum will offer three lectures as part of the "Women in Engineering" initiative.

**PCIM Europe Conference: Over 300 presentations**

As every year, the international conference will take place parallel to the exhibition. This format offers insights into the latest developments and research results from science and industry, for instance on SiC devices, new materials for high performance storage devices and photovoltaic power converters. Speakers will be providing specialist knowledge for example in the following sessions:

* “Proven Power Cycling Reliability of Smart Cut SiC Substrate for Power Devices”, Eric Guiot, SOITEC, France
* “Trans-Inductor Voltage Regulator (TLVR): Circuit Operation, Power Magnetic Construction, Efficiency and Cost Trade-offs”, David Wiest, Pulse Electronics, USA
* “Reliability of Inverters in Photovoltaic Power Systems – A Detailed Field Data Analysis”, Felix Kulenkampff, Fraunhofer Institute ISE, Germany

In addition, three special sessions will deal with the topics: “Cognitive Power Electronics”, “Advanced Measurement Technology in Power Electronics” and “Advanced GaN Power Electronics”.

“On the one hand, this year’s conference will be offering outstanding presentations covering important future developmental directions, these include new module interfacing materials for wide bandgap devices achieving dedicated lifetime, advanced power converter technologies for transportation systems and renewable energy technologies or driving and protection strategies for ultrafast switching transistors”, summarizes Professor Leo Lorenz, General Conference Director of PCIM Europe. “On the other hand, outstanding keynote presentations on ‘Hydrogen – Key Element to Achieve Net Zero CO²’ and ‘Power Electronics for a Future Sustainable Society’ will trigger inspiring discussions and important future open innovations. Experts from industry and academia will benefit and be able to develop new future business models.”

A wide range of seminars and tutorials on the two days prior to the PCIM Europe provide additional knowledge transfer at the highest level. This year's conference sponsors are Infineon, Mitsubishi Electric Europe and Semikron.

For the PCIM Europe Conference, reduced early bird prices will apply until 3 March 2022. Further information on the program and the registration are available online at [pcim-europe.com](https://pcim.mesago.com/nuernberg/en.html).

**About Mesago Messe Frankfurt**

Mesago, founded in 1982 and located in Stuttgart, specializes in exhibitions and conferences on various topics of technology. The company belongs to the Messe Frankfurt Group. Mesago operates internationally and is not tied to a specific venue. With 160 members of staff Mesago organizes events for the benefit of more than 3,300 exhibitors and over 110,000 trade visitors, conference delegates and speakers from all over the world. Numerous trade associations, publishing houses, scientific institutes and universities work with Mesago closely as advisers, co-organizers and partners. ([mesago.com](https://www.mesago.de/en/Mesago/home.htm))

**Background information on Messe Frankfurt**

The Messe Frankfurt Group is the world’s largest trade fair, congress and event organiser with its own exhibition grounds. The Group employs approximately 2,450 people at its headquarters in Frankfurt am Main and in 29 subsidiaries around the world. The company generated annual sales of approximately €257 million in 2020 after having recorded sales of €736 million the previous year. Even in difficult times caused by the coronavirus pandemic, we are globally networked with our industry sectors. 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. We are expanding our digital expertise with new business models. 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)