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| News +++ PCIM  Nuremberg, 6–8 May 2025 |
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## PCIM Expo & Conference 2025: Varied event program set to offer exciting glimpses of the future

**Stuttgart, 14 April 2025. From 6 to 8 May, Nuremberg will once again become the global center of power electronics: The PCIM Expo & Conference is poised to bring experts from all over the world together to help advance forward-thinking developments in this dynamic sector. The event will feature a one-of-a-kind overview of innovative products, solutions, and trends that are expected to play a major role in shaping the industry’s future.**

Across approximately 40,000 square meters of exhibition space, more than 650 companies from 31 countries will be showing off their newest and most tried-and-tested technologies. Among them will be leading players like Onsemi, Fuji Electric Europe, and Wolfspeed. An array of newcomers will also be on hand to enhance the range of products on display, including bdtronic, Infotech, and Endrich Bauelemente. A complete list of this year’s exhibiting companies, as well as the products and solutions they will be presenting, is available on the [PCIM website](https://pcim.mesago.com/nuernberg/en/exhibitor-search.html).

### Presentation schedule to reflect industry’s technological advancements

To encourage continued technical progress and the sharing of ideas in power electronics, the PCIM Expo will feature an extensive line-up of presentations across three stages. These technical talks and podium discussions will enable interested attendees to learn more about the latest developments in the industry before engaging directly with the experts on hand. Innovative and dependable solutions for a variety of applications will be the focus of the Exhibitor, Technology, and E-Mobility & Energy Storage Stages. Presentations such as “Lateral, Vertical, Bidirectional! Innovations and Progress in GaN Devices and Power ICs” by Fraunhofer IAF, “Benefits of Vertical Power Delivery When Powering AI GPU / SoC” by Infineon Technologies, and “DC-POWER Project: Testing MVDC Distribution Networks at Large Scale” by ARCEL are expected to be among the highlights on the Technology Stage. The presentations on the Technology and E-Mobility & Energy Storage Stages will be recorded and made available to all free of charge on the event website.

### University Research Zone to showcase innovations from academia

At the PCIM Expo 2025, the University Research Zone will offer exclusive access to the most recent scientific findings in power electronics. Each day will feature different universities and other research institutes presenting their current projects and providing insights into related developments. Those participating will include Aalborg University (Denmark), the University of Stuttgart – ILH (Germany), and Teesside University (UK).

### Conference highlights focused on future-oriented innovations

As usual, the PCIM Expo will be accompanied by the PCIM Conference – an exclusive platform that promotes exchange between the realms of industry and science. More than 400 first-time publications will give attendees the chance to gain in-depth insights into the latest breakthroughs in power electronics and first-hand knowledge of current scientific advancements. This method of knowledge transfer has proven efficient and plays a key role in driving and influencing the sector.

The conference program will include the following sessions:

* Tuesday, 6 May 2025, 11:00 a.m. – 12:00 p.m.: SiC MOSFET
* Wednesday, 7 May 2025, 9:50 a.m. – 11:50 a.m.: Intelligent Gate Driver
* Thursday, 8 May 2025, 9:50 a.m. – 11:10 a.m.: Inverter Design and Reliability

In addition to the large number of specialist presentations to be held in six conference rooms, poster presentations in over 40 sessions will provide a setting for in-depth discussions. These poster sessions are open to all event attendees and will once again take place in two different locations: in the foyer of the NCC Mitte entrance and in Hall 10.1 of NCC Mitte.

### Sustainability: an integral part of power electronics

This year’s PCIM Conference is poised to underscore the growing importance of sustainability in the power electronics industry. Particularly relevant in this regard will be a special session by Ole Gerkensmeyer (Nexperia) on the topic “Circular Economy in Power Electronics”. Here, advanced strategies for integrating circular economy within the sector will be presented. A keynote speech by Johann W. Kolar (ETH Zurich) entitled "Challenges of Green Growth – Limited Energy Return on Energy Invested & Critical Raw Material Shortage” is expected to be another highlight. This presentation will focus on the challenges posed by a 100%-renewable energy system while calling for zero-waste circular economy and efficient power electronics to overcome the hurdles in question.

Meanwhile, sustainable technologies and energy-efficient applications will also be among the central subjects at the PCIM Expo. Numerous exhibitors will be presenting components, systems, and innovations designed to improve energy efficiency, reduce CO₂ emissions, and expand renewable energies. Companies such as Semikron Danfoss Elektronik, STMicroelectronics, Littlefuse, Menlo Microsystems, and CoolCAD Electronics will be demonstrating how current sustainability requirements can be translated into future-oriented solutions.

On the Technology Stage, innovative approaches to power electronics for the energy transition will be presented and discussed, including technologies for energy storage, the optimization of components, and the integration of renewable energies into existing systems. The speakers will include experts from companies such as Texas Instruments, Robert Bosch, and Arcel, as well as from the University of Twente (the Netherlands).

Current research findings in the field of sustainability will also be presented in the University Research Zone, including the "Power Electronics Enabling Energy Storages" project from the University of Innsbruck (Austria).

Visitors to the trade fair and conference will therefore have various ways to find out about sustainable approaches in power electronics and identify new potential for their own applications. "This is where we meet our partners and customers to develop innovative electrification solutions together. The event offers everything we need to realize the goal of a sustainable future," points out Damaris Ochoa, marketing communications manager at NXP Semiconductors.

To learn more about the expo and conference and secure your ticket, please visit [pcim.en](https://pcim.mesago.com/events/en.html).

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| Mesago Messe Frankfurt GmbH / Arturo Rivas Gonzalez |

PCIM Expo & Conference

International exhibition and conference for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management

The PCIM Expo & Conference will be held from 06 - 08 May 2025.

#### Press information and photographic material:

[Press - PCIM](https://pcim.mesago.com/nuernberg/en/press.html)

#### Links to websites:

[PCIM – Hub for Power Electronics](https://pcim.mesago.com/events/en.html)  
  
[https://www.facebook.com/pcim](https://www.facebook.com/pcimeurope/)/  
[https://www.linkedin.com/showcase/pcim](https://www.linkedin.com/showcase/pcim-europe)

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#### Background information on Mesago Messe Frankfurt GmbH

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 around 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://corporate.mesago.com/events/en.html))

#### Background information on Messe Frankfurt

[www.messefrankfurt.com/background-information](http://www.messefrankfurt.com/background-information)

#### Sustainability at Messe Frankfurt

[www.messefrankfurt.com/sustainability-information](https://www.messefrankfurt.com/frankfurt/en/press/boilerplate.html#sustainability)