



Industry Workshop

IPCEI on Microelectronics and Communication Technologies

Unlocking future opportunities through innovations in microelectronics

11. - 12. December 2024

Institute of Physics, Bijenicka 46, 10000 Zagreb, Croatia

This workshop is jointly hosted by the Institute of Physics and Infineon Technologies AG Germany and Austria.

Be welcomed to join our sessions and discover more about:

- Infineon Technologies AG Germany and Austria & IPCEI ME/CT
- Research and Development
- Public Funding activities and opportunities

You are cordially invited to participate in a comprehensive workshop, featuring four exciting topics where we will explore the challenges encountered in the field of microelectronics and the innovative solutions developed to address them.

The topics include:

- Sustainable microelectronics
- Electronic power devices
- Innovative materials and processes for electronic components and systems
- Computer and data science

The workshop will provide an interactive platform for participants from industry, research, education and Infineon to explore potential future collaborations for tackling the challenges in microelectronics. Various sessions and topics will be covered, including an introduction of each participating institute or company, an IPCEI session, a technical/scientific session, and a poster session with pitch talk. Additionally, there will be the opportunity for one-on-one discussions, running in parallel.

In order to enhance the dialogue about R&D activities and their impact on the crucial topics in microelectronics, we invite you to present your research activities by submitting an abstract via e-mail beforehand. We strongly encourage PhD students to showcase their work at the poster session and pitch talk. Infineon will be handing out an award for the best submitted poster.

The final agenda for the workshop as well as the distribution of the presentations will be circulated via e-mail by November 26th, 2024.

During the workshop photos will be taken, please indicate in e-mail if you do not want to be present on the photographs

Agenda Day 1, 11.12.2024

8:30	Opening of the meeting, welcome and agenda
8:40	Introduction of each participant
10:15 - 10:30	Coffee break
	Session 1 IPCEI
10:30 - 10:50	Introduction to IPCEI Project EU definition of IPCEI <i>Martin Mischitz</i>
11:00 - 11:45	IPCEI Infineon: IFAG, IFAT, IFD Oliver Haller, Fabiola Bermudez-Elsinger, Vesna Müller, Klaus Pressel, Christof Klos, Martin Mischitz, Germar Schneider Introduction of various sites München, Regensburg, Warstein, Villach, Dresden and IPCEI activities
12:00	Lunch
01:00 - 03:00 pm	Session 2 Technical Session Part I Technical/Scientific presentation
03:00 pm	Coffee Break + Poster Session
06:00 pm	Closing End of day 1 + Dinner Buffet

Agenda Day 2, 12.12.2024

8:30	Welcome Day 2
8:40 - 9:00	Public Funding Opportunities Infineon, <i>Wolfgang Dettmann</i>
9:00 - 9:40	Presentation of EU public funded projects Infineon, <i>Klaus Pressel, Wolfgang Dettmann</i>
9:40 - 10:00	Coffee Break
10:00 - 11:00	Session 3 Technical Session Part II Technical/Scientific presentation
11:00 - 12:00	Poster pitch talk session
12:00	Lunch
01:00 - 03:00 pm	Session 4 Technical Session Part III Technical/Scientific presentation
03:00 - 05:00 pm	Coffee Break + poster session
05:00 pm	Summary/Wrap-up + Best PhD Poster Award

The participation at the workshop is free of charge. For registration, please send an e-mail by November 22nd, 2024 to Vesna.Mueller@infineon.com, please add as Subject "Registration Infineon IPCEI Workshop" and secure your place.

For more information about our Mission Future and IPCEI on Microelectronics and Communication Technologies, visit our homepage!

IPCEI on Microelectronics and Communication Technologies is the largest pan-European initiative in the field of microelectronics. It opens up significant opportunities for universities, research institutions, industry representatives, start-ups and engineering students from across Europe to address technological, market and societal challenges that could not otherwise be tackled. You, too, can benefit from many opportunities!

About Infineon Technologies AG

Semiconductors are crucial to solve the energy challenges of our time and shape the digital transformation. This is why Infineon is committed to actively driving decarbonization and digitalization. As a global semiconductor leader in power systems and IoT, we enable game-changing solutions for green and efficient energy, clean and safe mobility, as well as smart and secure IoT. We make life easier, safer, and greener. Together with our customers and partners. For a better tomorrow.

Revenue in fiscal year 2023:

- more than €16 billion
- about 58,600 employees worldwide (as of September 2023)
- 69 R&D locations; 17 manufacturing locations

