



IPCEI MICROELECTRONICS STEM WORKSHOP

Powering Modern Processors by Integrated VRMs

19 October 2023, 10-14 am

AGH University of Krakow

Faculty of Electrical Engineering, Automatics, Computer Science, and Biomedical Engineering

Department of Power Electronics and Energy Control Systems

30 Mickiewicza Avenue, 30-059 Krakow, Poland

Department of Power Electronics and Energy Control Systems at AGH University of Krakow and Infineon Technologies Austria AG invites you to IPCEI Microelectronics STEM Workshop

Be welcomed to join our session and discover more about:

- Infineon Technologies Austria AG & IPCEI
- Powering Modern Processors by Integrated VRMs

The workshop is led by **Infineon Technologies Austria AG** and will delve into the challenges faced and the innovative solutions developed.

The **AGH University of Krakow** is a modern university that actively participates in fostering a knowledge-based society and creating innovative technologies. Our university has a well-established position in the country and is recognized abroad. Experienced staff, advanced laboratories, a unique campus, and, above all, the bonds that connect the AGH community are our greatest assets.

The workshop will provide an interactive platform to connect participants from the worlds of industry, research and education and Infineon to explore future collaborations opportunities to tackle remaining challenges in the field of microelectronics.

Interested students will be informed about the company Infineon in general, the IPCEI project and the possibility to join IPCEI as an intern or a PhD student.

Agenda: Room 121, B1 building

10:00-10:10	Welcome , <i>Prof. dr hab. inż. Robert Stala</i>
10:10-10:50	IPCEI Presentation and related Internship and PhD topics by <i>Christian Lehner</i> , Infineon Austria
10:50-11:45	Thematic Session Powering Modern Processors by Integrated VRMs, by <i>Dr. Roberto Rizzolatti</i> , Infineon Austria
11:45-12:30	Break
12:30-14:00	Session with Power Electronics research team (D2 building)

IPCEI on Microelectronics 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. Infineon Austria is part of this strategic effort. We call it our Mission Future. You, too, can join our Mission Future and benefit from many opportunities!

For more information about our Mission Future and IPCEI Microelectronics, visit www.infineon.com/ipceimeaustria

Infineon is a globally leading semiconductor player with more than 50.000 employees. We are leading in automotive, power management energy efficient technologies and the IoT while Global megatrends underline the increasing importance of microelectronics.