



IPCEI Microelectronics STEM Workshop

SiC (Silicon Carbide) Technology and Production

23 March 2023, 09:00-11:00 am

Infineon Technologies @ University of Sarajevo at the
Faculty of Electrical Engineering – **Bit Alliance lab**
Zmaja od Bosne bb, 71000 Sarajevo

Be welcomed to join our session and discover more about:

- › Infineon Technologies Austria AG & IPCEI
- › SiC Technology and Production

This workshop is jointly hosted by the global company Infineon and ADVANTAGE AUSTRIA Sarajevo and supported by the University of Sarajevo Faculty of Electrical Engineering.

Semiconductors are one of the most commonly utilized components in electronic circuits, providing high performance, reliability, and low cost. The key to the next essential step towards an energy-efficient world is the use of new materials, such as wide bandgap semiconductors that allow us greater power efficiency, smaller size, lighter weight, lower overall cost – or all of these together.

As the leading power supplier with >20 years of heritage in silicon carbide (SiC) technology development and production, we are prepared to cater to the need for smarter, more efficient energy generation, transmission, and consumption. This presentation will explain why SiC devices offer several attractive characteristics and key benefits.

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 SiC and Production.

STEM Talent Workshop

09:00-09:10	Welcome Faculty of Electrical Engineering Sarajevo, <i>Prof. Dr. Tarik Uzunović</i> Advantage Austria, <i>Mag. Martha Suda</i>
09:10-09:35	IPCEI HR Topic Internship and PHD by Veneta Ivanova , Senior Specialist Funding
09:35-10:35	Thematic Workshop: SiC Technology and Production by <i>Milan Forcan</i> , Senior Director Yield & Stability, Infineon Technologies Austria
10:35-11:00	Q & A, Coffee Wrap Up

Language: „BHS“ / English

For registration, please send an email by March 16th, 2023 to sarajevo@advantageaustria.org (please add as Subject: SiC STEM Workshop) and secure your place.
We look forward to meeting you there!

Contact person:

Advantage Austria Sarajevo, **Selma Idrizbegović**
T +387 33 26 78 40, sarajevo@advantageaustria.org

For more information about our Mission Future and IPCEI Microelectronics, **visit our homepage!**



Join our Mission Future!

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.

IPCEI on Microelectronics is the largest pan-European initiative in the field of microelectronics. It opens 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/ipceimeustria

The **Faculty of Electrical Engineering of the University of Sarajevo** is the oldest and largest higher education institution in Bosnia and Herzegovina, which educates staff in various fields of electrical engineering and computer science. The Faculty of Electrical Engineering* was founded in 1961. Since 1962, there have been two departments: the Department of Power Engineering and the Department of Automation and Electronics. The Department of Informatics was formed in 1972, and the Department of Telecommunications in 1976. Today, the Faculty of Electrical Engineering educates leading experts in the field of power engineering, automation and electronics, computing and informatics and telecommunications through three cycles of education with a total of 12 study programs. Today, the Faculty is located on the campus of the University of Sarajevo in facilities whose area allows a standard of approximately 5 m² per student.



Please note that this invitation is granted subject to being permissible under all existing laws and other regulations applicable to both you and your employer. If you accept our invitation we consider that it meets the requirements of the legal regulation applicable to you and your company and all applicable internal rules and regulations. We remind you that it is your responsibility to check this matter. Please advise if you need additional information for this purpose especially the value associated with the invitation. By registering, you now confirm that the invitation is in accordance with all the rules and regulations of conduct applicable to you.