



Event Update

IEEE SECTION AUSTRIA IS SUPPORTING STUDENT ACTIVITIES

The IEEE Austria Section is supporting students in enhancing their career and setup innovative events together with their study colleagues by offering two award programmes specifically designed for them. The **IEEE Austria Student Mobility and Conference Grant** support section student members to participate at conferences, workshops and other educational activities in the fields of IEEE and related. The goal is to assist applicants to advance their education, make international contacts and gain additional experience. Deadlines for submissions are 1st of February, 1st of June and 1st of September each year.

The IEEE Austria Student Branch Award encourages

innovative new concepts applied by the Student Branches and activities or events creating positive impact for students. If students created some cool new events or did something special they can contact the local student branch or the student branch coordinator . They will be happy to integrate their efforts and apply in one of the categories of the Student Branch Award.

Deadline for submission is the 15th of September .

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EFTA 2020 Erste Hybride IEEE Konferenz

Vom 8. bis zum 11. September fand an der TU Wien die 25. IEEE International Conference on Emerging Technologies and Factory Automation (ETFA) statt. Die ETFA ist eine der zentralen Konferenzen der Industrial Electronics Society und eine der wichtigsten IEEE Konferenzen zum Thema Automatisierungstechnik. Angesichts der aktuellen Situation wurde sie – als eine der ersten IEEE Konferenzen – als hybrides Event organisiert, mit einem Mix aus Präsentationen vor Ort und online, die wechselweise gestreamt wurden. Das Risiko und der hohe technische und organisatorische Aufwand haben sich gelohnt, die Konferenz wurde von 120 TeilnehmerInnen vor Ort und 210 online besucht.



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LECTURES & PRESENTATIONS

"More Resilient Electric Grids Using Satellites Images and Artificial Intelligence"

Reza Arghandeh (HVL)

Tuesday, 3. November 2020, 16:30 - 17:30

Location: online

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"GREEN HYDROGEN TECHNOLOGIES FOR DECENTRALIZED INFRASTRUCTURE SOLUTIONS"

Markus Justl, Hannes Zannantoni (Fronius)

Monday, 23. November 2020, 16:30 - 17:30

Location: online

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"Modular software architecture and system testing in the process engineering sectors for producing green hydrogen"

Joachim Danmayr, Fabian Neubacher (Fronius)

Monday, 30. November 2020, 16:30 - 17:30

Location: online

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"PERFORMANCE COMPARISON: SOLAR MODULE-LEVEL POWER ELECTRONICS VS. CONVENTIONAL STRING INVERTERS"

Franz Baumgartner

Tuesday, 1. December 2020, 14:00 - 15:00

Location: online

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CONFERENCES

**2020 INTERNATIONAL CONFERENCE ON ENGINEERING
MANAGEMENT OF COMMUNICATION AND
TECHNOLOGY (EMCTECH)**

From Tuesday, 20. October 2020
To Thursday, 22. October 2020
Location: Springer Schloessl, Vienna, Austria

IEEE TEMS Conference will be featured in the plenary sessions with a dedicated day of the conference. We invite contributions from researchers, educators, managers, and students. Contributions may be conceptual, theoretical, or empirical. They should document research activity, case studies or best practices, shedding light on the theory or practice of engineering, technology, innovation management, or development of personal skills. Technology papers are welcome focusing on the directions of technology that would be applied to business development and entrepreneurship.

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Human-Friendly Robotics 2020

From Thursday, 22. October 2020
To Friday, 23. October 2020
Location: University of Innsbruck, Austria

The objective of the workshop is to bring together academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects related to the introduction of robots into everyday life. The workshop covers a wide range of topics related to human-robot interaction, both physical and cognitive, including theories, methodologies, technologies, empirical and experimental studies.

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17TH IEEE INTERNATIONAL CONFERENCE ON FACTORY COMMUNICATION SYSTEMS (WFCS)

From Wednesday, 9. June 2021 - 08:00

To Friday, 11. June 2021 - 17:00

Location: Johannes Kepler University Linz, Altenberger Straße
69, 4040 Linz, Austria

The Factory Communication area is facing the leap of new generation wired and wireless technologies e.g. TSN, WiFi6, 5G, and more, expanding from automation to the IIoT. Induced by the rapid change in consumer electronics towards high performance wireless, also many new industrial applications are about to move into the wireless domain.

The WFCS is the largest IEEE conference especially dedicated to communications for industrial automation systems. It is held the first time in Linz, Austria, an industrial emerging area with leading industries. It is a melting pot of academia and industry.

This fact is shown by the local organizer mix of this WFCS which are Johannes Kepler University Linz, Silicon Austria Labs and Linz Center of Mechatronics GmbH. The WFCS is supported by IEEE and IES and led by the IEEE TC on Factory Automation, and will be hosted by the Johannes Kepler University Linz.

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MEETINGS

IEEE Austria Section General Assembly

Thursday, 5. November 2020, 17:00 - 19:00

Location: online

Nicht verpassen: Im Rahmen der Keynote bei der diesjährigen Generalversammlung der IEEE Austria Section spricht **Prof. Niki Popper** über die Herausforderungen der COVID-19 Simulationen, die als Basis für die Entscheidungen der Bundesregierung dienen. Diesmal aus ganz Österreich gut erreichbar, da die Generalversammlung erstmals virtuell stattfindet. Der Vortrag findet im Rahmen der Generalversammlung statt und ist deshalb exklusiv nur für zur Generalversammlung angemeldete Mitglieder!

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