



# Event Update

**DEAR IEEE AUSTRIA**

# SECTION MEMBERS,

the IEEE Austria Section mourns the death of the former rector and highly esteemed university professor for general electrical engineering of the Vienna University of Technology Em.O.Univ.Prof. Dipl.-Ing. Dr.techn. Dr.h.c. Fritz Paschke, who passed away on March 29, 2022 in Vienna at the age of 94. Fritz Paschke had great importance for many IEEE members in our Austria Section. Past Chair Michael Heiss has written a very personal obituary, which can be accessed via this [link](#).

The image below shows the famous equation 17 (extended Ohm's law) from the lecture script of General Electrical Engineering by Prof. Fritz Paschke.

$$\frac{m_e m_i}{e^2 \rho_m} \left( \frac{d\vec{i}}{dt} - \frac{\vec{i}}{\rho_m} \cdot \frac{d\rho_m}{dt} \right) = \vec{E} + (\vec{v} \times \vec{B}) - \frac{m_i (1 - \frac{m_e}{m_i})}{e \rho_m} (\vec{i} \times \vec{B}) +$$

$$+ \frac{m_i}{\rho_m e} \nabla (p_e - \frac{m_e}{m_i} p_i) - \frac{m_e m_i (1 + \frac{m_e}{m_i})}{\tau e^2 \rho_m} \vec{i} - \frac{m_e m_i}{e^2 \rho_m} (\vec{i} \cdot \vec{v}) (\vec{v} - \frac{m_i - m_e}{e} \vec{i})$$

(17)

*Stöckl*

# 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 .

[LEARN MORE](#)

# LECTURES & PRESENTATIONS

## **Modern Power System Technologies – Towards a Sustainable Energy Future**

IEEE IAS/PELS/IES Austria Chapter

Wednesday, 23. November 2022, 14:00 - 17:30

Location: Hybrid – Online or at 1210 Vienna, Giefinggasse 2

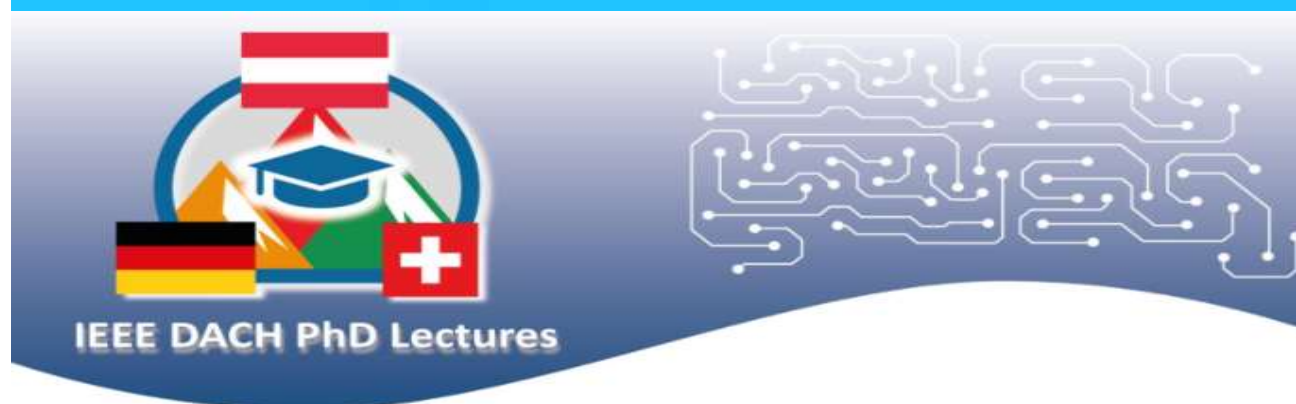
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## IEEE DACH PHD LECTURES

The “IEEE DACH PhD Lectures” is a new webinar series, launched and supported by 4 different IEEE chapters. This format allows PhD students to present their latest research results. IEEE chapter members of supporting chapters will receive an exclusive invitation to attend the series. The webinar is free for both, IEEE and non-IEEE members.

Supporting chapters of Austria: IEEE IAS/PELS/IES Joint Chapter Austria and IEEE PES Chapter Austria

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# AWARDS

## APPLY FOR THE IEEE SECTION AUSTRIA STUDENT AWARDS

Find out how the IEEE Austria Section is supporting you in enhancing your career and setup innovative events together with your study colleagues. The IEEE Austria Section has two award programmes specifically designed for students: The IEEE Austria Student Mobility and Conference Grant and the IEEE Austria Student Branch Award.

[LEARN MORE](#)

# Conferences

## JC&Austrochip 2022 - 30th Austrian Workshop on Microelectronics

2nd IEEE International Symposium on Joint Communications & Sensing (JC&S)

Tuesday, 11. October 2022

Location: Carinthia Institute for Microelectronics (CIME), Campus Villach, Europastrasse 4,  
Villach, Austria

Austrochip is an annual meeting and platform to present the latest activities in the field of microelectronics and integrated circuits in Austria and neighboring countries. The workshop is a forum for discussion and contact between academia and industry.

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## ISSE 2022

IEEE International Symposium on Systems Engineering

From Monday, 24. October 2022

To Wednesday, 26. October 2022

Location: Vienna Marriott, Vienna, Austria

This symposium seeks to create an interactive forum for the advancement of the practice of systems engineering across the multiple disciplines and specialty areas associated with the engineering of complex systems. The symposium will provide a venue for systems engineering practitioners, managers, researchers, and educators to exchange innovative concepts, ideas, applications and lessons learned.

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# MEETINGS

## IEEE GENERAL ASSEMBLY

Thursday, 3. November 2022, 17:00 - 20:00

Location: Vienna, tbd

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## First IEEE ITSS Annual European Chapter Meeting

Friday, 28. October 2022, 09:00

Location: Spain

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