

Newsletter – Q2 2026

Highlights, reports, and upcoming events

Welcome to the Q2 issue of the IEEE Austria Section Newsletter. Below you'll find Section updates, upcoming activities, Chapter and Student Branch reports, and selected member achievements.

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Message from the Section Secretary

Norbert Eidenberger, Secretary, IEEE Austria Section



Dear Austria Section member!

It is my pleasure to have this opportunity to address you directly. As Section

Secretary I coordinate section level activities like the regular ExCom and Officer meetings. One of my main activities consists in helping to organize the annual General Assembly, where we usually invite a keynote speaker for a current topic of interest, discuss the activities of the previous year, and network together over a delicious buffet.

This year is a special one for the Austria Section because there will be elections for a new ExCom. In the next weeks you will receive an eNotice from the election committee looking for candidates. If you are interested in taking the lead of the IEEE community in Austria, do not hesitate to enter the election as a candidate. The current ExCom is more than happy to support the future one.

I often receive the question why I volunteer in IEEE. My reasons are simple: IEEE is an excellent place to meet people with similar interests. I enjoy discussions with colleagues from different technical backgrounds and hearing their insightful, funny, and practical stories from academia and industry.

Your next chance to connect with IEEE members is the next Section Spring Gathering on **12 June 2026** in Vienna. I am looking forward to seeing you there!

Norbert Eidenberger

Secretary, IEEE Austria Section

Section Announcements

Upcoming gathering, LinkedIn updates, and open volunteering roles

2026 IEEE Austria Section Spring Gathering

The IEEE Austria Section warmly invites its members to the **2026 Spring Gathering**, which will take place on **12 June 2026** in Vienna. The informal networking event is dedicated to bringing together members from across Austria, offering an opportunity to meet new members, reconnect with colleagues, and strengthen the IEEE community beyond technical presentations.

The gathering will start with a joint walk through the vineyards along the **Weinwanderweg Mauer** in Vienna, followed by a shared dinner at **Heuriger Wiltschko**, Wittgensteinstraße 143, 1230 Vienna. Participation is free of charge, but registration is required by **5 June 2026, 17:00**. Due to limited space at the dinner location, registration for the dinner is limited to 40 participants.

Agenda:

15:45 – Meeting point in Vienna, Mauer

18:00 – Arrival at Heuriger Wiltschko

21:00 – End of the event

Event details and registration

Follow IEEE Austria Section on LinkedIn

Members are encouraged to follow the IEEE Austria Section LinkedIn page to stay informed about Section news, Chapter and Student Branch activities, events, and member highlights.

Chapters, Affinity Groups, Student Branches, and members who would like to share IEEE-related news or announcements on the LinkedIn page are welcome to contact the Public Relations Officer with the relevant information and links.

[Follow IEEE Austria Section on LinkedIn](#)

Get Involved: Open Volunteering Positions in the IEEE Austria Section

The IEEE Austria Section invites members to consider contributing to the Section's activities by taking on one of the currently open volunteering roles. These positions are important for strengthening member engagement, supporting Chapters and activities, promoting professional development, encouraging entrepreneurship and innovation, coordinating conference-related matters, and improving collaboration with IEEE Women in Engineering.

The currently open positions are:

- Professional Activities Officer
- Awards Officer
- Conference Coordinator
- Entrepreneurship Coordinator
- WIE Liaison Officer
- YP Officers for the next YP ExCom

The role of **Chapter Coordinator** has already received interest, with **Thomas Strasser** volunteering to take over this position starting in 2027.

Members who are interested in contributing, or who would like to nominate suitable candidates, are encouraged to contact the IEEE Austria Section Executive Committee.

Chapter & Technical Activity Updates

Reports and conference announcements from IEEE Austria Section activities

IEEE Austria Section Magnetics Chapter Update



Seminar by Prof. Albrecht, May 2025



Annual meeting of the IEEE Magnetics Chapter Austria, September 2025

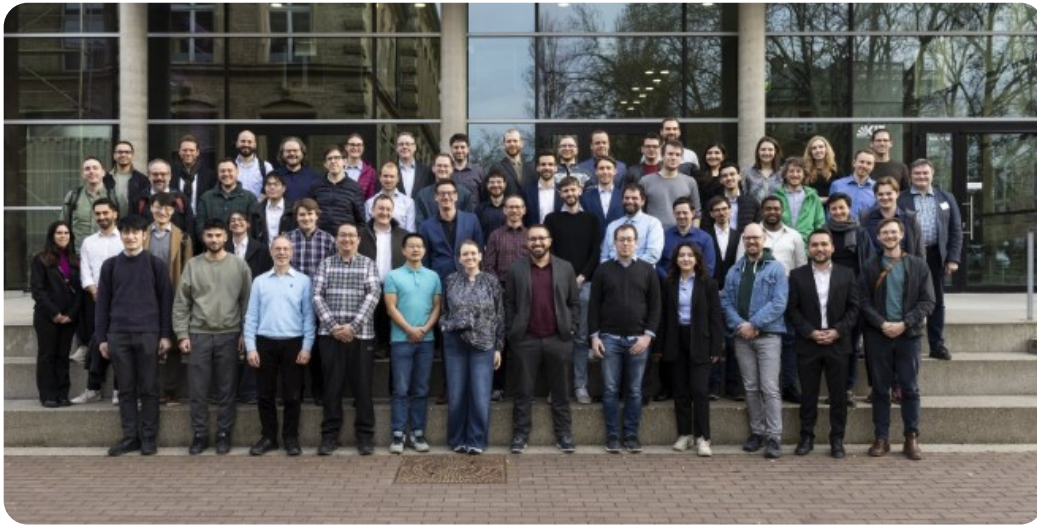
The **IEEE Magnetics Chapter of the Austria Section**, founded on **6 November 2024**, continued its development and growth throughout 2025. The Chapter has focused on increasing visibility, building stronger connections within the Austrian magnetics community, and encouraging engagement among professionals, researchers, and IEEE members working in the field of magnetism.

During 2025, the Chapter expanded its outreach activities through email communication, LinkedIn, websites, and a contribution to the IEEE Magnetics Society Newsletter. A dedicated email distribution list for professionals working in magnetism in Austria was also established and reached around **50 subscribers by mid-2025**.

Several technical seminars were organized with internationally recognized speakers, including **Laura Heyderman**, **Manfred Albrecht**, **Valerio Scagnoli**, and **Robert Stamps**. The Chapter's annual meeting took place in September 2025, coinciding with a lecture by **Prof. Günter Reiss**, IEEE Magnetics Society Distinguished Lecturer.

A notable achievement for the Austrian magnetics community is the selection of **Andrii Chumak**, Vice-Chair of the IEEE Magnetics Chapter Austria, as recipient of the **IEEE Magnetics Society Mid-Career Award 2026**.

IEEE PES Chapter Austria Supports OSMSES 2026



Participants of OSMSES 2026 in Karlsruhe

The **IEEE Power & Energy Society Chapter Austria (PE31)** supported the **4th International Workshop on Open Source Modelling and Simulation of Energy Systems — OSMSES 2026**, which took place from **23–25 March 2026** in Karlsruhe, Germany. The event provided an international forum for experts from academia, industry, and utilities to discuss open-source tools and approaches for modelling and simulating modern power and energy systems.

The workshop addressed topics such as energy system simulation, co-simulation, real-time simulation, data and AI/ML-based modelling, open energy architectures, visualization, and innovative energy system applications. The IEEE PES Chapter Austria was listed as one of the technical sponsors, highlighting its contribution to professional exchange in the energy systems community.

[OSMSES 2026 website](#)

23rd EMV-Fachtagung 2026 at TU Graz

The **23rd EMV-Fachtagung** will take place from **15–18 September 2026** at **Graz University of Technology**, organized by the Institute of Electronics. The event is one of the regular key activities in the field of electromagnetic compatibility and brings together experts, researchers, industry representatives, and practitioners to exchange knowledge and discuss current developments in EMC.

The conference will be held at **TU Graz, Inffeldgasse 25D, Lecture Hall i7, 8010 Graz**. Exhibitor and sponsoring registration is already available through the event website. Members and interested participants are invited to follow the event page for further information and updates.

[More information](#)

Call for Papers: ISCFI 2026 in Vienna

The IEEE Austria Section is pleased to share the Call for Papers for the **2026 13th International Conference on Soft Computing & Machine Intelligence — ISCFI 2026**.

ISCFI 2026 will take place in **Vienna, Austria, from 18–20 November 2026**. The conference is organized by the **India International Congress on Computational Intelligence (IICCI)** and is technically co-sponsored by the IEEE Austria Section.

Researchers, academics, and industry experts are invited to submit manuscripts and contribute to the exchange of ideas in soft computing, machine intelligence, computational intelligence, artificial intelligence, and related technologies.

Important dates:

- **Submission deadline:** 10 June 2026
- **Acceptance notification:** 10 July 2026
- **Camera-ready submission:** 25 July 2026
- **Conference dates:** 18–20 November 2026

[ISCFI 2026 website](#)

Student Branch Activities

Updates from IEEE Student Branch Wels

IEEE Student Branch Wels Visits Rosenbauer Plant 2



IEEE Student Branch Wels visit to Rosenbauer Plant 2, 21 April 2026

On **21 April 2026**, the **IEEE Student Branch Wels** visited **Rosenbauer Plant 2 in Leonding**, where the iconic Panther firefighting truck is built. During the industry visit, students explored firefighting systems and body components and gained valuable insights into the engineering and manufacturing behind these impressive vehicles.

The visit offered students an inspiring opportunity to connect academic learning with real-world innovation, while also highlighting the value of IEEE membership in supporting learning, networking, and direct exposure to industry. The Student Branch expressed its sincere thanks to Rosenbauer Group and Georg Pilsner for facilitating the visit.

IEEE Student Branch Wels Organizes LaTeX Tutorial



LaTeX tutorial organized by IEEE Student Branch Wels, 23 April 2026



Participants during the LaTeX tutorial

On **23 April 2026**, the **IEEE Student Branch Wels** organized a **LaTeX tutorial**, bringing together students from different study programs to develop essential skills in scientific and academic writing. The initiative emphasized the importance of early exposure to widely used tools such as LaTeX, helping students create structured and high-quality technical documents.

Beyond the technical content, the tutorial encouraged collaboration and knowledge

exchange across disciplines and strengthened the academic community at the university. The Student Branch thanked **Andrii Honchar** for delivering the lecture, as well as the IEEE Austria Section and the Hochschülerinnen- und Hochschülerschaft der FH Oberösterreich for their support and co-organization.

Member Research Highlights

Member Achievement: Christoph Klaassen Completes PhD with Distinction



Christoph Klaassen at his PhD defense at TU Wien

Christoph Klaassen, IEEE Member and member of the **IEEE Industrial Electronics Society (IES)**, recently completed his PhD at **TU Wien** with distinction (*mit Auszeichnung*). His research at the Institute for Energy Systems and Thermodynamics focused on the advancement of **Industrial Digital Twins** through semantic interoperability.

His work included methods for simplifying the creation and operation of Digital Twins, including Semantic Knowledge Engineering approaches connecting SysML-based design with RDF-based execution models. These developments contributed to the implementation of the AI Energy Lab at TU Wien, supporting the integration of heterogeneous energy assets into a unified intelligent testing environment.

Christoph has also contributed to the IEEE community as a reviewer for the **IEEE Transactions on Industrial Informatics**.

Member Research Highlight: Lightweight Deep Learning for Industrial Edge Deployment

Mohammadali Vaezi from **Hochschule Campus Wien – University of Applied Sciences** recently contributed to an open-access study published in *Polymers* on lightweight deep-learning architectures for industrial process monitoring in polymer additive manufacturing.

The study focuses on defect detection in **laser-based powder bed fusion of polymers (PBF-LB/P)**, where thermal instabilities may cause issues such as curling, warping, and delamination. Based on synchronized thermal and RGB image data, the research evaluates different AI approaches for anomaly detection and real-time monitoring.

A key result is **Microlite**, a compact convolutional neural network designed for Edge AI deployment. With only **1,860 trainable parameters**, the model achieved **99.7% validation accuracy** and a CPU inference latency of **1.6 ms**, showing the potential of efficient AI models for industrial environments with limited computational resources.

Publication:

Deep Learning for Process Monitoring and Defect Detection of Laser-Based Powder Bed Fusion of Polymers

Authors: Mohammadali Vaezi, Victor Klamert, Mugdim Bublin

Polymers, 2026, 18(5), 629

[Read the open-access article](#)

Call for Contributions

Chapters, Affinity Groups, Student Branches, and members are invited to submit reports, announcements, upcoming activities, publications, achievements, and highlights for the next issue of the Newsletter.

Let us continue to share our achievements and strengthen the visibility of the IEEE Austria Section.

[Submit content for the next issue](#)

IEEE Austria Section

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