



**40th  
Anniversary  
Celebration**



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# Message from the chair

Dear Guest!

The global organisation of IEEE is a family of national sections on the one hand and on the other hand an association of societies representing a wide range of technology disciplines which develop science, engineering, and applications in their respective areas. All scientific disciplines are represented by societies which cover a wide range of technology and develop standards and knowledge in many areas.



IEEE Austria is part of this family of national sections and was founded 40 years ago (1979) by Prof. Dr. Kurt Richter from TU Graz/Austria (see the historical documents enclosed in this brochure). Since then about 12 distinguished scientists have taken the responsibility for a continuous development of the national section.

This year we now celebrate the 40th anniversary of the Austrian Section within the frame of the IEEE conference International Conference on Connected Vehicle and Expo (ICCVE 2019) located at the premises of Messe Graz, which recently opened for various activities in science, technology, and policy.

Communication and computerisation are the principal elements on the way to automated driving where standardisation, operation, and control have to be coordinated on a global scale. IEEE will be an essential global player in these areas in the coming decades

It is a lucky coincidence to have this conference so close to our 40th anniversary which offers the outstanding opportunity to not only meet IEEE representatives, but also to get in touch and exchange knowledge with scientists and engineers as well as representatives from universities and companies.

I do hope that you will enjoy both the 40th anniversary celebration of the IEEE Austria Section as well as the possibility to get in touch with the most recent developments on future technologies presented by the scientists participating in the conference.

Sincerely yours,

Reinhard Pfliegl  
*Chair IEEE Section Austria*

# IEEE Austria Section History

The idea for establishing an IEEE section in Austria probably came during discussions at several conferences in the years preceding 1979. The idea was then discussed within the OVE (Austrian Electrotechnical Association) which set the formation process in motion. As part of these activities the OVE nominated a representative, Mr. Dipl.-Ing. Heinrich Pangratz, who led preparatory talks with the IEEE headquarters.

Finally, sometime in 1979 several motivated OVE members who were at the same time IEEE members formally started the formation process for the IEEE Austria Section. In the first few years the IEEE Austria Section was strongly supported by the OVE. Because of this there is a close connection between the two associations even after 40 years.

The first section officers were reported to the IEEE headquarters with the form below.

## SECTION OFFICERS

Please use this form to report only the 5 Section Officers listed, Chapter Officers and Committee Chairmen must be reported on forms designated L4, L7 and L8, available from Field Services.

## IMPORTANT INSTRUCTIONS

1. Please indicate Section's name in area provided.
2. Give the month and year the term of office starts.
3. Indicate the Section geocode, i.e., the two digit numbers representing the Region, Council and Section.
4. Type or print each officers full first name, middle initial, and last name.
5. Telephone numbers when provided will become a part of the member's record and will appear in the Organization Roster and Membership Directory.
6. Membership numbers are required and no report can be processed without all member numbers.
7. A copy of this form will be returned to the individual submitting it as a confirmation of receipt of the report.

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Section Name: AUSTRIA

Term Starts: Month 10 Year 1979

GEOCODE: Region 1018 Council 1010 Section 317 000

Chairman's Name: KURT R. RICHTER

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Check here if individual maintains his/her IEEE mailing address outside the territorial limits of the section.

Vice Chairman's Name: ROBERT GENSER

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1	1

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9	14	27	

Check here if individual maintains his/her IEEE mailing address outside the territorial limits of the section.

Secretary's Name: ANDREAS SETHY

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1	1

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9	14	27	

Check here if individual maintains his/her IEEE mailing address outside the territorial limits of the section.

Treasurer's Name: FRANZ VOGGENBERGER

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9	14	27	

Check here if individual maintains his/her IEEE mailing address outside the territorial limits of the section.

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**21.12.1979:**

## **Formation of the IEEE Austria Section**

The IEEE Austria Section was officially formed and approved on 21. December 1979. Upon approval the first meetings were organized. Below is an invitation of the section chair Kurt Richter to the IEEE president to attend the first official meeting of the newly formed IEEE Austria Section.

Dear Sir,

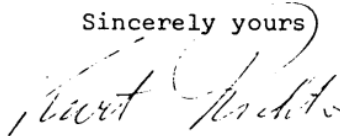
The postponed meeting of the Austrian Section of IEEE will finally take place on Thursday, January 31, 1980 at 5 p.m. in meeting room II of Österreichischer Verband für Elektrotechnik, 1010 Vienna, Eschenbachgasse 9.

Officers of the Austrian Section will be

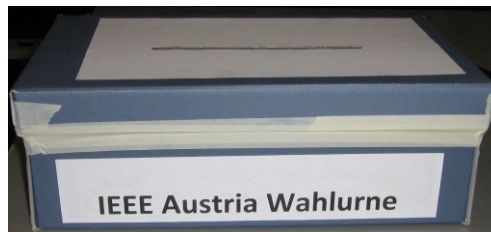
Section Chairman: Kurt R. Richter  
Vicechairman: Robert Genser  
Treasurer: Franz Voggenberger  
Secretary: Andreas Sethy

I would be very glad if you could arrange your participation at this meeting. Please give me notice if you plan to come.

Sincerely yours)



Kurt R. Richter  
IEEE Section Chairman



Official IEEE Austria Section ballot box.

## List of Chair Persons

Year	Section Chair
01.01.1980 — 31.01.1985	Kurt Richter
01.02.1985 — 31.12.1990	Ernst Bonek
01.01.1991 — 31.12.1995	Ingeborg Hochmair-Desoyer
01.01.1996 — 31.12.2001	Michael Muhr
01.01.2002 — 31.12.2005	Christoph Strnadl
01.01.2006 — 31.12.2008	Dietmar Dietrich
01.01.2009 — 31.12.2009	Andreas Kaindl
01.01.2010 — 31.01.2012	Jan Haase
01.02.2012 — 31.12.2014	Peter Rössler
01.01.2015 — 31.12.2016	Peter Palensky
01.01.2017 — 31.12.2017	Michael Heiss
01.01.2018 — current	Reinhard Pfliegl



General assembly 2017 in the TechGate, Vienna.

## Section Activities



Participants of the EMC Symposium 2015. This symposium has been organized by the EMC Chapter every year since 2003.



Logo of the Austrian Robotics Workshop which has been organized by the RAS Chapter every year since 2011.



WIE AG members of the Austria and Germany sections met 2011 in Munich, Germany.



YP AG visited the MedAustron Synchrotron in 2017.



The SB JKU Linz organized the first Central European Student Branch Congress in 2011.

# IEEE Austria Section Structure

## Austria Section Officers

Section Chair:	Reinhard Pfliegl
Vice Chair:	Michael Heiss
Treasurer:	Thilo Sauter
Secretary:	Torsten Andre

## Officers

Student Representative:	Open position
Chapter Coordinator:	Werner Drexel
Educational Activities Officer:	Wilfried Kubinger
Section Industry Officer:	Reinhard Pfliegl
Organizational Officers:	Norbert Eidenberger, Friederich Kupzog
Financial Auditors:	Martin Horauer, Peter Rössler
Web Officer:	Friedrich Praus
Membership Development Officer:	Peter M. Roth, Stefan Soucek-Noe
Public Relations Officer:	Melanie Schranz
Award Officers:	Albert Treytl
Professional Activities Officer:	Gerhard Zucker
Student Branch Coordinator:	Open position

**Motivated members who would like to actively contribute to the section are always welcome!**

## Student Branches

and their formation dates:

Student Branch Graz (1994)  
Student Branch Klagenfurt (2012)  
Student Branch Linz (2008)  
Student Branch Vienna (Relaunch 2006)  
Student Branch FH Upper Austria (2008)

## Affinity Groups

Women in Engineering  
Young Professionals



# Active Societies

and their formation dates

**CAS/SCC** (Circuits & Systems/Solid State Circuits) Chapter, 12.11.2008

**COM/MTT** (Communications/Microwave Theory and Techniques) Chapter, 02.11.2000

**CS/SMCS** (Computer Society/Systems, Man & Cybernetics Society) Chapter, March 2010

**EdSoc** (Education Society) Chapter, 09.05.2005

**EMC** (Electromagnetic Compatibility) Chapter, 21.09.1992

**IAS/PELS/IES** (Industry Application Society, Power Electronics Society, Industrial Electronics Society) Chapter, 2011

**IMS** (Instrumentation & Measurement) Chapter, 2011

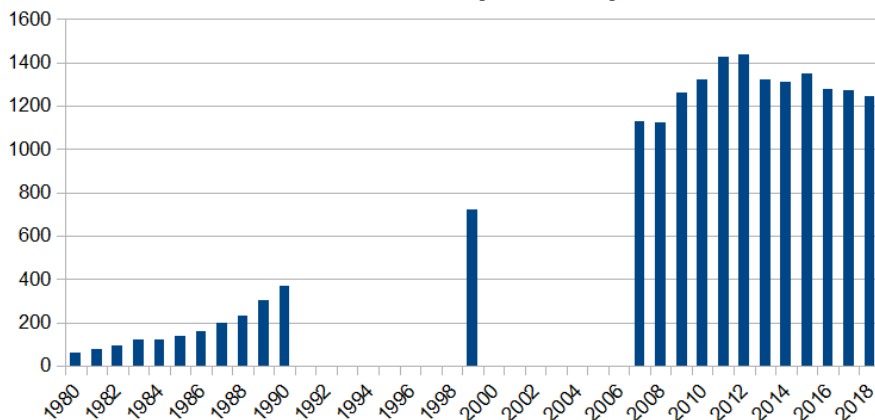
**ITSS** (Intelligent Transportation Systems Society), March 2019

**PES** (Power & Energy) Chapter, 12.02.2007

**RAS** (Robotics & Automation) Chapter, June 2011

**TEMS** (Technology and Engineering Management Society), Chapter Central Europe, 20.09.1999

## Section membership development



# IEEE EMC Austria Chapter (Electromagnetic Compatibility)

Kurt Lamedschwandner, Chair  
Seibersdorf Labor GmbH  
2444 Seibersdorf  
kurt.lamedschwandner@seibersdorf-laboratories.at



Gunter Winkler (TU Graz), 1. Vice Chair  
Timm Ostermann (JKU Linz), 2. Vice Chair  
Bernd Deutschmann (TU Graz), Professional Activities  
Karl Stanka (OVE), Secretary  
Gerhard Horak (Alcatel-Lucent), Treasurer

## Chapter Activities

The Austria Chapter of the IEEE EMC (Electromagnetic Compatibility) Society was founded in 1992 and represents an integral part of the IEEE Austria Section. The aim of the chapter is to provide a platform for knowledge transfer and networking within the EMC community in Austria and with national and international organizations. All our Chapter activities are also open to colleagues who are not associated with the IEEE EMC Society.

Annually over 150 people attend our two-day EMC symposium organized in technical cooperation with the Austrian Electrotechnical Association (OVE), the Institute for Electronics (Graz University of Technology) and the Seibersdorf Laboratories. Beside the symposium the guests are informed about product novelties in an exhibition.



The picture on the left shows the attendees of the 16th Austrian EMC-Symposium which took place in June 2018 on Campus Seibersdorf, Lower Austria. More information can be found at [www.emv-fachtagung.at](http://www.emv-fachtagung.at)

## IEEE IMS Austria Chapter (Instrumentation & Measurement)

Philipp Breitegger  
IMS Chapter Chair  
p.breitegger@tugraz.at



“If we cannot measure it, it does not exist” is a frequently used statement in science paraphrasing the importance of instrumentation and measurements to almost all fields of science. By improving a measurement, we can better understand the underlying phenomena and it makes instrumentation and measurement so exciting, that single improvements e.g. with respect to measurement methodologies, systems for instrumentation and measurement, or novel sensors can have dramatic impact on the work of many other scientists.

The availability of network technology, miniaturized nodes and sensors, as well as of computers to process huge amounts of data have given rise to new research areas standing behind buzz words like big data, the internet of things or industry 4.0 and autonomous systems. With huge amounts of data available, the question arises whether predictions made from a high number of highly uncertain measurements will produce usable or trustable results. This is of particular interest for autonomous systems, i.e. systems where correctness of predictions can mean the difference between life and death.

Robots will find even more and more applications not only in industry but also as service robots supporting us in our daily life and thus they can also play an important role in an aging society in the context of active assisted living. Instrumentation and measurement will be crucial with respect to robot perception and the interaction with humans and objects.

One of the biggest challenges of the 21st century is the climate crisis. Climate research and validation of the countermeasures with respect to global warming only works when sufficiently precise and stable measurement technologies are available. Further improvements of measurement instruments will be needed in order to better understand the complex interactions in the climate system.

Photonic sensors and silicon photonics promises to deliver unprecedented sensors for air pollution, climate forcers and many more.

# Technology and Engineering Management Society (TEMS), Chapter Central Europe



Michael Heiss (left), Chapter Chair, [m.heiss@ieee.org](mailto:m.heiss@ieee.org)  
Gerald Fritz (right), Secretary, [gerald.fritz@ieee.org](mailto:gerald.fritz@ieee.org)

## Chapter Vision:

The Technology and Engineering Management Society promotes excellence in engineering management practice by providing focused, practical, accessible educational opportunities for technical managers, functional managers, project and program managers, and engineers interested in becoming managers.



## Mission:

The Chapter Central Europe of the IEEE Technology and Engineering Management Society (TEMS) is a cross-national initiative for Austria, the Czech Republic, Slovakia, Hungary and Slovenia. As long as countries do not have enough IEEE members to start their own TEMS Chapter, these countries are welcome to join our chapter.

## Activities:

The Chapter organized over 25 events within the last four years comprising of lectures and talks (e.g. by **Nobel Prize Laureate** Carlo Rubbia: Earth, Mankind and Energy in 2017) and networking sessions like the workshop on **“Standardization: a Pathway to your Success on the Market”** at the ICT Conference 2018 in Vienna. Apart from those activities an annual networking event adapts the strategy and focus of the chapter. Since 2018 the chapter organizes the **IEEE Technology & Engineering Management Role Model Award Central Europe**. Together with our members in the chapter we are enabling technology professionals and managers to optimize their career opportunities and organizational effectiveness.

# IEEE PES Chapter (Power & Energy Society)

Matthias Stifter, PES Chapter Chair, [matthias.stifter@ieee.org](mailto:matthias.stifter@ieee.org)  
Benoit Bletterie, Vice-Chair, [Benoit.Bletterie@apg.at](mailto:Benoit.Bletterie@apg.at)  
Thomas Strasser, Secretary, [thomas.i.strasser@ieee.org](mailto:thomas.i.strasser@ieee.org)



## Chapter Scope

The Power & Energy Society connects Austrian professionals with the worldwide network of electrical and power engineers of IEEE. Since our energy system is evolving towards a more heterogeneous, decentralized and more flexible grid, all related engineering and science disciplines need to work together to bring “More Power to the Future”.

Our civilization faces many challenges involving power & energy. The changing energy mix – from renewables to hydrogen – the transition to a decentralized, bi-directional electricity grid, and the way we operate and digitize the energy system, new local market concepts, high dependency on ICT, and optimized operation and maintenance of components, define a completely new profile for power engineers. The two most complex systems humankind has ever created – the electricity grid and the internet – are growing together. Their interdependence can make us vulnerable, if we don’t foresee and understand the driving technologies behind them. It is impossible for a single person to understand every system and component in these evolving domains. Where OVE’s society OGE plays an important regional role, IEEE PES brings our competences to the international level. Especially volunteer work, e.g., in one of the many technical communities and working groups, greatly benefits professional careers and connects us to colleagues working in the same areas of interest.

IEEE PES Austria – launched by Michael Muhr – organizes activities like talks of PES Distinguished Lecturers (e.g. Data Analytics and AI in power systems/Prof. Miranda), presentations (e.g. PMU for distributions systems/FSU CAPS, Artemes), technical lab tours (SmartEST, TU Wien), and demonstrations from industry members (e.g. Standardization for cable insulation measurement devices/Baur), as well as technical meetings and discussions. Active institutions include AIT, Technical University of Vienna, Technical University of Graz, and others.

You are warmly invited to engage in our chapter and contribute to our society!



# IEEE ITSS Austria Chapter (Intelligent Transportation Systems Society)

Univ.-Prof. Dr. Cristina Olaverri-Monreal  
Chair IEEE ITSS Austrian Chapter  
cristina.olaverri-monreal@ieee.org



Reinhard Pfliegl, Vice-Chair  
Christoph Mecklenbräucker, Treasurer  
Werner Drexel, Secretary

## Chapter Scope

The field of Intelligent Transportation Systems (ITS) aims at the improvement of transport systems by reducing not only traffic congestion and carbon emissions, but also enhancing road safety-related issues. ITS cuts across several disciplines and includes systems which rely upon sensor data collection for driving patterns analysis as well as cooperative, connected, and automated systems.

The IEEE Intelligent Transportation Systems Society (ITSS) Austrian Chapter aims at advancing the theoretical, experimental, and operational aspects of Electrical Engineering and Information Technologies as applied to ITS. It fosters programs for the growth of ITSS-related activities, such as access to technical innovation, cutting-edge information and networking opportunities. Several activities include for example the organization of Distinguished Lecturer Series, workshops and conferences, and the recognition of significant contributions in the field of ITS by the Chapter members.



# IEEE IAS/PELS/IES Joint Chapter (Industry Application Society, Power Electronics Society, Industrial Electronics Society)

Annette Muetze  
IAS/PELS/IES Chapter Chair  
annette\_muetze@yahoo.com



## Chapter Scope

Our chapter spans the fields of higher power industry applications to electronics. Though often unnoticed upon first glance, power electronics actually affect most aspects of our daily lives. Behind the scenes, electric energy is constantly being converted from one system into another.

Power electronics are the force behind the electrification of not only a plethora of transportation systems, but also numerous industrial and manufacturing processes and their automation. Power electronics also enable current energy distribution systems to change. Such changes intrinsically impact various related fields.

For example, electric machines, once perceived merely as bulky elements made of copper and steel, today form key elements of highly dynamic drive systems, which are integral to the “Industrie 4.0” initiative.

# IEEE CAS/SSC Austria Chapter (Circuits & Systems/Solid State Circuits)

Gernot Hueber, Chair  
Silicon Austria Labs  
g.hueber@ieee.org

Wolfgang Pribyl, Vice-Chair



## Chapter Scope and Activities

With Circuits and Systems (CAS) and the implementation step in Solid State Circuits (SSC) the chapter covers a broad range of applications addressed by Austrian industry as well as academia and research.

Both, solid-state circuits and systems are continuously advancing and are evermore bringing more powerful communication and computational capabilities into large, small, and mobile form factors. E.g. ubiquitous smart devices are the core and enabler of a revolution shaping how we connect, collaborate, relate with, and share information.

To enable such a wide spectrum of design approaches, techniques in diverse technical areas are addressed, which are commonly categorized as analog systems, power management, data conversion, communication systems, digital systems, and memory, along with innovative and novel domains such as MEMS, biomedical devices, quantum electronics including visionary solutions with a commercialization being out a couple of years.

The CAS/SSC chapter, founded in 2008, is a forum for exchange in solid-state circuits and systems-on-a-chip and offers an opportunity for engineers working at the cutting edge of IC design and application to maintain technical advancements, and to network with distinguished experts.



# IEEE COM/MTT Austria Chapter (Communications Engineering/ Microwave Theory and Techniques)

Wolfgang Bösch, Chair, wbosch@tugraz.at  
TU Graz, Institute of Microwave and Photonic Engineering  
Andreas Springer, Vice-Chair  
Christian G. Diskus, Treasurer  
Gernot Hueber, Secretary



## Chapter Scope and Activities

Communication systems can be considered as the nervous system of our modern world. Without these systems, today's quality of life would not be possible. A large part of this communication takes place wirelessly. Thus combining the Communications Engineering Society and the Microwave Theory and Techniques Society in our chapter was a logical decision when it was founded by Robert Weigel on November 2nd 2000.

The most prominent and exciting trends relevant for our chapter are the upcoming cellular communications standard 5G and millimetre wave circuits and systems both, for 5G and automotive radar. Again, the combination of communications engineering and micro- and millimetre wave theory and techniques is a perfect fit. With our activities we pursue the objectives of providing information on those current trends and developments in our field, promoting synergies and cooperation between academia and industry and also to attract students and young engineers. Of course, we also offer activities on topics relevant for our chapter members, which are beyond these trends. The mission of the chapter is primarily addressed by sponsoring conferences and meetings, especially talks given by distinguished experts in the field. We usually organize or co-organize 5 to 8 talks per year. Since 2013 the chapter also supports the Radio Frequency

Engineering  
Working  
Group of the  
Austrian  
Research  
Association.



**Banquet at the International Workshop on Integrated Nonlinear Microwave and Millimetre-Wave Circuits held in April 2017 at TU Graz.**

## IEEE RAS Chapter (Robotics & Automation)

Mathias Brandstötter, Chair  
JOANNEUM RESEARCH Forschungsgesellschaft mbH  
ROBOTICS – Institute for Robotics and Mechatronics  
Lakeside B13b, 9020 Klagenfurt am Wörthersee  
mathias.brandstoetter@joanneum.at



Wilfried Kubinger (University of Applied Sciences, Technikum Wien), Vice Chair  
Gerald Fritz (TTTech Computertechnik AG), Treasurer

### Chapter Scope

The Chapter addresses robotics and automation and aims to strengthen scientific activities in this area. In Austria, many university and commercial initiatives have emerged in recent years. The IEEE RAS Austrian Section sees itself as a hub and exchange platform for researchers and users. By broadening, the mutual knowledge of the different groups, exchange and cooperation is promoted.

With its network, the Chapter supports events in its focus area and tries to offer young scientists access to the community.



# IEEE WIE Affinity Group (Women in Engineering)



Chair: Nicole Brosch (nicole.brosch@ait.ac.at)  
Vice-Chair: Johanna Schmidt (johanna.schmidt@vrvis.at)  
Treasurer: Katharina Krösl (katharina.kroesl@vrvis.at)  
Secretary: Katharina Pollack (kpollack@ieee.org)

## Vision:

In the affinity group IEEE Women in Engineering (WIE) Austria, we endeavor to increase the visibility of women in technical environments, both academic and professional.

## Mission:

IEEE WIE Austria was revived in 2016. Since then we aim to support women in tech jobs, help them to expand their network and increase the awareness of contributions by successful women in technology. All IEEE members interested in these topics are welcome to join the affinity group.



## Activities:

The activities of our affinity group involve providing networking possibilities on several social media platforms and by organizing a jour fix meeting every year. We are especially interested in supporting young female students interested in technical topics. Every year the WIE Student Award is awarded to an excellent contribution by a female student submitted to the Central European Seminar on Computer Graphics (CESCG) conference. Together with the FH Wels we advise young international female students attending a summer school in Austria in what to expect when taking up a technical profession. We also plan to extend these activities in the future to follow our vision of increasing the visibility of talented and impressive women in tech fields.

# IEEE Student Branch JKU Linz

Marcus Hintermüller  
Chair IEEE SB JKU Linz  
sb.jku@ieee.org



## Overview

The IEEE Student Branch (SB) at the JKU Linz was founded in 2008 under the guidance of our student branch counselor Bernhard Jakoby. The student branch lives through the voluntary contributions of active members spread across all levels of academic education (Bachelor-, Master-, PhD-programs) and technical fields (mechatronics engineering, electronics and information technology, computer science, physics, and soon medical engineering). The SB's main goals are interconnecting students and supporting the contacts between students and researchers from the university or local companies. This is achieved by organizing regular meetings featuring talks from invited companies (Tech Talks), evenings with talks about the latest research of university employees (Tech Rallies), excursions to companies and research centers, as well as recreational events like a summer BBQ and nine-pin bowling.

It was observed in the last few years, that it becomes more and more difficult to motivate new students to join and contribute to the SB. In the next years, new channels for advertising the SB need to be sought. First steps were taken this year, by participating in the Teconomy career fair.

As our university continuously expands its range of studies (e.g., medical engineering since fall 2019), the SB faces the challenge to find a suitable program to cover the many interests of different fields of studies, to preserve a diverse community ensuring valuable knowledge transfer.



Participants of the field trip to CERN in 2012.

# 2019 Chapter Award of the IEEE Austria Section

The EMC (Electromagnetic Compatibility) Chapter of the IEEE Austria Section is the local representative of the IEEE EMC Society in Austria. The Chapter was founded in 1992. Its aim is to provide a platform for knowledge exchange and networking within the EMC community in Austria and with national and international organizations. For over 25 years the Chapter plays an important and active role in the Austrian EMC scene. The main players in this chapter are the Austrian Electrotechnical Association (OVE), the University of Technology Graz, the Johannes Kepler University Linz, and Seibersdorf Laboratories. Additionally, many other well-known players from both the local industry and academia are heavily involved.

The main event of the EMC Chapter is the annual two-day EMC symposium (“EMV-Fachtagung”, in German), see <http://www.emv-fachtagung.at>. Today, over 150 people participate at the EMC symposium which is really a large number for a local event in Austria.

In recognition of the outstanding performance and appreciation for special contributions to the IEEE Austria Section in the past 27 years the 2019 Chapter Award goes to the **EMC Chapter**.

**Congratulations !!!**



# 2019 Student Branch Innovation Award

The Innovation Award awards innovative new concepts applied by the Student Branches. It is intended to motivate Student Branches to leave their comfort zone and explore new paths. Applied concepts can include all aspects of Student Branches' work.

Submissions are evaluated by the following criteria:

- novelty of the concept,
- benefits for the Student Branch (e.g. member development),
- short and long term benefits,
- effort spent.

In recognition of its outstanding efforts the IEEE Austria Section Student Branch Innovation Award goes to the **Student Branch JKU Linz**.

## Excerpts from the application document:

„Erstmals nahm der Student Branch der JKU Linz auch bei der diesjährigen **TECONOMY** Linz teil und war mit einem eigenen Stand vertreten. Die **Teconomy ist eine jährliche Karrieremesse**, die an der JKU Linz veranstaltet wird, mit über 80 Unternehmen. Neben namhaften Unternehmen wie Trumpf, Engel, Siemens, Intel, uvm, war auch die IEEE, in Form des Student Branch der JKU Linz, vertreten.“

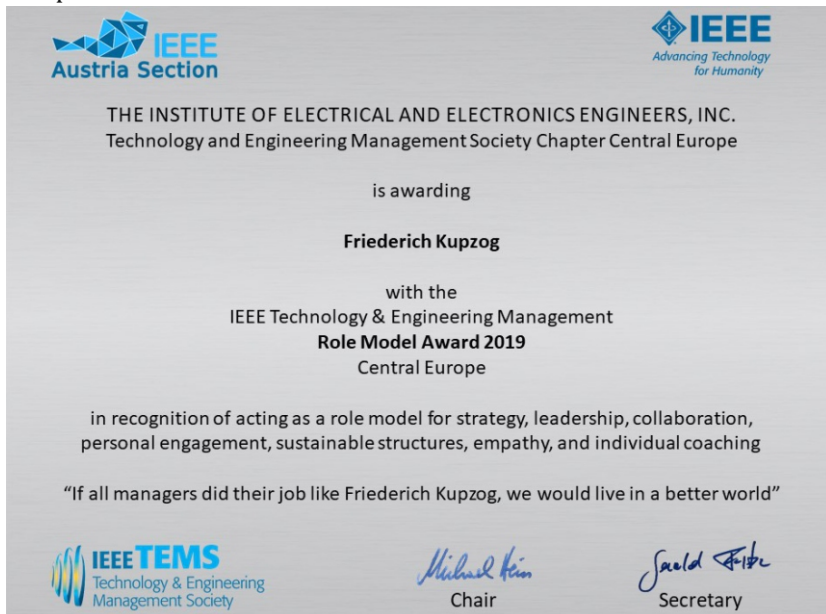


„Organisation einer dreitägigen Exkursion zu den **CERN Open Days** von 13.-15.09.2019. Durch die intensive Zusammenarbeit des Student Branch Vorstands konnte ein geeigneter Reiseplan zusammengestellt werden. Um den Teilnehmern das bestmögliche Erlebnis zu ermöglichen, wurde auch Kontakt zum Institut für Hochenergiephysik der ÖAW aufgenommen, um direkten Kontakt zu Mitarbeitern in CERN herzustellen. Aufgrund von Mundpropaganda verbreitete sich die Information der Planung der Exkursion auch außerhalb der ‚klassischen‘ Zielgruppen des Student Branches (Mechatronik und Elektronik & Informatik-technik), vor allem natürlich im Fachbereich Physik, aber auch z.B. Informatik. Studierende aus diesen Fachbereichen stellen potenziell auch zukünftige SB-Mitglieder dar, was die Diversität des Student Branches nachhaltig erhöht.“


# 2019 Role Model Award of the TEMS Chapter


## Nomination criteria

- IEEE Technology & Engineering Management Role Model Award Central Europe
- Nomination deadline: July 15 each year
- The award is dedicated to technology and engineering managers who are role models for their jobs: "If every manager did their job like the awarded person, we would live in a better world". The focus group for this award is middle management and not the already well-known top management.
- Nominations can be submitted by every Chapter Member (IEEE TEMS Chapter Central Europe)
- Nominated can be every person who works as technology or engineering manager in one of the countries of the IEEE TEMS Chapter Central Europe (Austria, Czech Republic, Slovakia, Hungary, Slovenia).
- The nominated person does not need to be an IEEE member.
- The nominating person must not be depending on the nominated person: e.g. current bosses of the nominating persons cannot be nominated. They can be nominated after their retirement or if they change the department and are no longer responsible for the nominating person.
- Award jury: the Executive Committee of the IEEE TEMS Chapter Central Europe.



The image shows a formal award certificate. At the top left is the IEEE Austria Section logo, and at the top right is the IEEE logo with the tagline "Advancing Technology for Humanity". The main text reads: "THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC. Technology and Engineering Management Society Chapter Central Europe is awarding Friederich Kupzog with the IEEE Technology & Engineering Management Role Model Award 2019 Central Europe in recognition of acting as a role model for strategy, leadership, collaboration, personal engagement, sustainable structures, empathy, and individual coaching". Below this is the quote: "If all managers did their job like Friederich Kupzog, we would live in a better world". At the bottom, there are two signatures: Michael Klein, Chair, and Sjoerd Fijze, Secretary. The IEEE TEMS logo is also present at the bottom left.

 **IEEE**  
Austria Section

 **IEEE**  
Advancing Technology  
for Humanity

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.  
Technology and Engineering Management Society Chapter Central Europe


is awarding

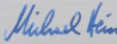
**Friederich Kupzog**

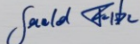
with the  
IEEE Technology & Engineering Management  
**Role Model Award 2019**  
Central Europe

in recognition of acting as a role model for strategy, leadership, collaboration,  
personal engagement, sustainable structures, empathy, and individual coaching

"If all managers did their job like Friederich Kupzog, we would live in a better world"

 **IEEE TEMS**  
Technology & Engineering  
Management Society

  
Chair

  
Secretary



**Dipl.-Ing. Dr. techn. Friederich Kupzog**

is Head of the Competence Unit Electric Energy Systems, Center for Energy,  
AIT Austrian Institute of Technology.

**Excerpts of the nomination document:**

„Friederich Kupzog führt basierend auf einer **hohen fachlichen Expertise** und der Fähigkeit schnell und für jeden nachvollziehbar und **transparent zu entscheiden** seine Competence Unit und verliert sich dabei nicht in Selbstdarstellung, sondern stellt die Leistung seines Teams in den Vordergrund.“

„Im Wechselspiel der Stakeholdergruppen in der angewandten Forschung (Hersteller, Bedarfsträger, öffentliche Hand, etc.) entwickelt er Projekte und das Kompetenzprofil seiner Unit mit hoher Empathie und gestalten Projekte und Organisationsstrukturen mit einem **großen Weitblick** was den gesamtheitlichen (und nicht nur den eigenen) Erfolg betrifft. Die von ihm initiierten Strukturen sind **nachhaltig**.“

„Er verkörpert mit seinem **persönlichen Engagement** und seiner schnellen Auffassungsgabe eine deutlich sichtbare **Vorbildfunktion** für seine Mitarbeiterinnen und Mitarbeiter. Er führt als Vorbild – steht aber **für seine Mitarbeiterinnen und Mitarbeiter** unabhängig von deren formalen Funktion und Rolle **als Coach zur Verfügung** und ist auch bereit vermeintliche „Kleinigkeiten“ ohne Allüren mit seinen Mitarbeitern zu klären.“



# IEEE AUSTRIA

## 40TH ANNIVERSARY CELEBRATION

Messe Graz, 05.11.2019

### AGENDA

- 16:00** Arrival and Registration of Guests
- 
- 16:30** Welcome address by the IEEE Austria Section Chair,  
*Reinhard Pfliegl*
- 16:40** Humorous anecdotes from the founder of the IEEE Austria Section and former IEEE R8 Director, *Kurt Richter*
- 17:00** Congratulations from the IEEE R8 Past Director *Margaretha Eriksson*
- 17:05** 'Technology Consulting for the European Commission by the IEEE global Office in Vienna', Senior Director, IEEE European Business Operations, *Clara Neppel*
- 17:20** Keynote Lecture: 'The fairy tale of mobility without combustion engines', Austrian Academy of Sciences, President of the Division of Mathematics and the Natural Sciences, *Georg Brasseur*
- 17:50** Awarding Ceremony:
- Chapter Award presented by *Peter Rössler*
  - TEMS Role Model Award Central Europe presented by *Michael Heiss*
  - Student Branch Innovation Award presented by *Albert Treytl*
- 18:00** Welcome Reception of IEEE ICCVE

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