

Wahlvorschlag ExCom IEEE Austria Section Wahl 2023

Position Statement

Das sich zur Wahl stellende Team besteht aus hochmotivierten Technikern und Managern, die national und international intensivste Erfahrung in IEEE und anderen Gremien und Vereinigungen sammeln durften. Die Ziele der kommenden ExCom Periode sind die Stärkung der Netzwerkrolle der IEEE Austria Section, dem Austausch zwischen Industrie und Academia, sowie die intensive Unterstützung der erfolgreichen Aktivitäten der Student Branches sowie der Chapters der IEEE Austria Section.

Chair

DI Werner Drexel
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Werner received a master's degree in Communications from the Technical University Graz. He worked afterward as freelance for a semiconductor company with focus on wired data communication. Since 1998, he works for Infineon Technologies in the Chip Card business unit at the beginning as analog designer for hardware security sensors where he held several patents. In the last ten years, the focus was on hardware security concepts. In the last years the activities expand to data security and privacy. Focus is on government identification and payment but also on public transport ticketing.

Past in IEEE: As Vice Chair of the Austrian Section Werner was involved in several Region 8 activities. From 2014 to 2018 he was chapter coordinator for Section Austria and since 2017 secretary of the Austrian Intelligent Transportation Systems chapter. He is member of several working groups of the IEEE SA with the aspect of privacy and security (actual in P1912 Standard for Privacy and Security Framework for Consumer Wireless Devices and IEEE P2784 Smart Cities Planning and Technology).

Vice-Chair

Dr. Daniel Watzenig
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Daniel Watzenig was born in Austria. He received his doctoral degree in electrical engineering from Graz University of Technology, Austria, in 2006. In 2009 he received the *venia docendi* for Electrical Measurement and Signal Processing. Since 2008 he is the Divisional Director of the Automotive Electronics Department at the Virtual Vehicle Research Center Graz. In 2017 he was appointed as a Full Professor of Autonomous Driving at the Institute of Automation and Control, Graz University of Technology, Austria. His research interests focus on the sense & control of automated vehicles, sensor fusion, and uncertainty estimation. He is the author or co-author of over 180 peer-reviewed papers, book chapters, patents, and articles. He is the Editor-in-Chief of the SAE Int. Journal on Connected and Automated Vehicles (SAE JCAV, launched in 2018). Since 2019 he is invited guest lecturer at Stanford University, USA, teaching multi-sensor perception, data fusion, and software for autonomous systems (Principles of Robot Autonomy I). He is the founder of the Autonomous Racing Graz Team, one of currently six teams of the global Roborace race series.

Mission Statement

Daniel Watzenig is member of IEEE for more than 20 years. Since 2020 he is the chapter coordinator of IEEE Austria. Furthermore, he serves as IEEE distinguished lecturer (IEEE IMS DLP) and is part of the IEEE IMS conference committee, particularly in charge of the planning of the International Automated Vehicles Validation Conference (IAVVC) which takes place every second year at different locations. As Vice Chair of IEEE Austria, Daniel aims to further develop the Austrian Section by supporting the creation of new chapters in emerging fields, teaming up with other sections, and further enhancing the visibility of our section to attract future members.

Treasurer

Prof. Dr. Thilo Sauter
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Thilo Sauter (Fellow, IEEE) received the Dipl.-Ing. and Ph.D. degrees in electrical engineering from the Technische Universität Wien (TU Wien), Vienna, Austria, in 1992 and 1999, respectively. From 1992 to 1996, he was a Research Assistant with the Institute of General Electrical Engineering, TU Wien, where he was involved in the research on programmable logic and analog application-specified integrated circuit design. Subsequently, he joined the Institute of Computer Technology, TU Wien, where he led the Factory Communications Group. From 2004 to 2013, he was the Founding Director of the Institute for Integrated Sensor Systems, Austrian Academy of Sciences, Wiener Neustadt, Austria. Since 2013, he has been with the Department for Integrated Sensor Systems, Danube University Krems, Wiener Neustadt. In 2014, he became a Tenured Associate Professor of automation technology with TU Wien. He has been involved in the standardization of industrial communication systems for more than 20 years. His current research interests include smart sensors and automation networks with a focus on

real-time, security, interconnection, and integration issues. He has authored more than 300 scientific publications.

Dr. Sauter was elected IEEE Fellow for his contributions to synchronization and security in automation networks. He is the Vice President of the Austrian Association for Instrumentation, Automation, and Robotics, an Senior AdCom Member of the IEEE Industrial Electronics Society, and a Treasurer of the IEEE Austria Section. He held leading positions in renowned IEEE conferences. He is the past Editor-in-Chief of IEEE Industrial Electronics Magazine and an Associate Editor of the IEEE Transactions on Industrial Informatics and the IEEE Sensors Journal. Currently, he is also the Vice President Publications of the IEEE Industrial Electronics Society and Associate Editor-in-Chief of the IEEE Sensors Letters .

Secretary

Norbert Eidenberger

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Norbert Eidenberger received the master's degree in mechatronics (Diplom-Ingenieur) in 2008 and the PhD in technical sciences in 2014, both from the Johannes Kepler University Linz. He currently works at E+E Elektronik where he heads the internal testing laboratory. Since 2009 he has volunteered as an Officer in the SB JKU Linz, as Student Branch Coordinator, and lately as Organizational Officer at the section level.

Position Statement

Die Nachwehen der Coronapandemie sind in der Section immer noch spürbar. Positiv ist der verstärkte Einsatz von hybriden Formaten bei Konferenzen und organisatorischen Treffen. Negativ ist das teils immer noch geringere Veranstaltungsangebot und die fehlenden Gelegenheiten zum persönlichen Austausch. Mein Hauptziel ist es, die letzten Nachwirkungen der Corona-Pandemie zu bereinigen. Dazu werde ich Veranstaltungen in der Section organisatorisch unterstützen und die Kommunikation zwischen den einzelnen Teilorganisationen innerhalb der Section verbessern.