

News

- Oct. 2021: TU Ilmenau plays a major role in the organization of the **55-th Asilomar Conference on Signals, Systems, and Computers** that will be fully virtual and fully inclusive from October 31, 2021 - November 3, 2021. The technical program with an outstanding plenary, an instructive tutorial, as well as a good mix of invited and regular live poster sessions is available at: <https://cmsworkshops.com/Asilomar2021/RegularProgram.asp> Register at <https://cmsworkshops.com/Asilomar2021/Registration.asp> to participate in this conference with leading experts in this exciting area of research.
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- **[Ilmenau International Seminar Series on Comm. and Sig. Proc.](#)**

- **International Workshop on Intelligent Signal Processing**

Unfortunately, we have not been able to host on-site speakers in our "Ilmenau International Seminar Series on Communications and Signal Processing" (<https://www.tu-ilmenau.de/init/seminare/international-seminar-series/>) during the recent months due to the COVID-19 pandemic.

As an online alternative, we have been able to invite 16 excellent speakers in cooperation with Zhejiang University from Sept. 6, 2021 - Sept. 20, 2021. The schedule, the topics of the tutorials, and the CVs of the speakers can be found here ([PDF](#)) and on the web page of this "International Workshop on Intelligent Signal

Processing":<http://www.isee.zju.edu.cn/iseenglish/2021/0831/c21165a2417748/page.htm>.

To join one of these tutorials, you can simply join the Zoom room listed in the table of the program.

- New at the TU Ilmenau: Study International Master's Programs online. (05/2021) [PDF](#)
- Muhammad Bilal Amin successfully defended his doctoral thesis on 25.02.2021. (10/2020) ([photo](#))
- **[Job offer: Research Associate](#)** (12/2020)
- Internationally oriented courses of study at the TU Ilmenau go digital. (12/2020) [PDF](#)
- Jee Hyun Kim successfully defended his doctoral dissertation on 28.10.2020. (10/2020) ([photo](#))
- Prof. Martin Haardt serves as the General Co-Chair of the 11-th IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM 2020) that will be fully virtual and fully inclusive from June 8, 2020 - June 11, 2020.
Register for free at <http://www.sam2020.cn/> to participate in an array of plenaries, tutorials, presentations, and live interactions with leading experts in this exciting area of research.
- The Online Teaching Program at TU Ilmenau has started with the successful defenses of the research projects and the advanced research projects of our Master of Science in Communications and Signal Processing (CSP) students on April 15, 2020, and April 16, 2020.
This year the lectures "Mobile Communications" and "Informationstechnik" will (at least in the beginning) be provided via live streams. They will start on Monday, April 20, 2020 ("Mobile Communications") and Thursday, April 23, 2020 ("Informationstechnik"). Prior registration of all participating students is required via Moodle (first) and WebEx (link will be provided via Moodle).
- Prof. Martin Haardt has been elected to serve on the Signal Processing Theory and Methods (SPTM) technical committee (TC) of the IEEE Signal Processing Society from 2020 until 2022. The [SPTM TC](#) promotes activities within the technical areas of digital signal processing and statistical signal processing theory and methods. The scope of SPTM has a broad span ranging from digital filtering and adaptive signal processing to statistical signal analysis, estimation, and detection. Among the functions of the SPTM committee are: sponsorship of workshops, symposia, special issues of the IEEE Transactions on Signal Processing and special sessions at ICASSP, review of ICASSP paper

submissions, nomination of papers for the IEEE Signal Processing Society Paper Awards, and nomination of individuals for IEEE Signal Processing Society Major Awards. (03/2020)

- The Steering Committee of the Asilomar Conference has selected Prof. Martin Haardt (TU Ilmenau) as the General Chair of the 55th Asilomar Conference on Signals, Systems, and Computers that will take place at the Asilomar Conference Grounds, Pacific Grove, CA, USA, from October 31, 2021 to November 3, 2021. (11/2019)
- On October 25, 2019, Dr. Jens Steinwandt received the [ITG Dissertation Award](#) at the VDE-Hauptstadtforum in Berlin for his outstanding [doctoral dissertation „Advanced Array Signal Processing Algorithms for Multi-Dimensional Parameter Estimation“](#).(11/2019)
- [Stellenausschreibung](#) In der Fakultät fuer Elektrotechnik und Informationstechnik der Technischen Universität Ilmenau ist ab dem 1. Februar 2020 im Fachgebiet Nachrichtentechnik eine Stelle als Laboringenieur unbefristet zu besetzen. (Bewerbungsfrist bis 31.11.2019) (11/2019)
- [Kristina Naskovska has successfully defended her doctoral dissertation with highest distinctions. \(Dissertation\)](#) (08/2019)
- As one of only two European invited speakers, Prof. Martin Haardt gave a keynote presentation at the International Workshop on Mathematical Issues in Information Sciences ([MIIS 2018](#)) in Shenzhen, China about new tensor-based signal processing concepts. This workshop was co-organized by Shenzhen Research Institute of Big Data and the Chinese University of Hong Kong in Shenzhen. Other invited speakers at this workshop included big data experts from Arizona State University, the Chinese University of Hong Kong, Cornell University, Hong Kong University of Science and Technology, JD.com, Libera Università Internazionale degli Studi Sociali, the Massachusetts Institute of Technology (MIT), Princeton University, Stanford University, Texas A&M University, the University of California, Irvine, the University of California, Los Angeles, the University of Illinois at Urbana-Champaign, and the University of Michigan. (12/2018)
- Doctoral Research Proposal at NOKIA Bell Labs in Munich in cooperation with TU Ilmenau, Communications Research Laboratory. (11/2018)
- [Liana Khamidullina receives the Best GRIAT Student Award 2018.](#)(09/2018)
- Prof. Martin Haardt has been named an [IEEE Fellow](#) “for contributions to multi-user MIMO communications and tensor-based signal processing.” (01/2018), [press release](#)
- [CAMSAP 2017](#) - Internationale Konferenz für Signalverarbeitung. (12/2017)
- This year, our [annual day of Information Technology on Friday, June 23, 2017](#), is dedicated to our MSCSP students and alumni. It has the motto: Preparing for a Global Career in Communications and Signal Processing. (06/2017)
- Prof. Martin Haardt will serve as the Chair of the Sensor Array and Multichannel Technical Committee([SAM TC](#)) of the IEEE Signal Processing Society from January 2017 until December 2018. The SAM TC promotes activities within the technical areas of sensor array processing and multi-channel statistical signal processing, including beamforming, direction-of-arrival estimation, source localization, MIMO systems, compressed sensing, sparse modelling, tensor-based signal processing, signal processing for sensor networks, network beamforming, blind source separation, channel identification, as well as array processing for radar, sonar, communications, microphone arrays, and biomedical applications. Technical committees coordinate international IEEE activities regarding awards, conferences, publications, educational services, and provide technical advice to the leadership of the IEEE Signal Processing Society. Currently, about 40 elected international experts from academia and industry are actively involved as members of the SAM TC. (01/2017)
- [EURASIP Awards: Announcement 2016 Best PhD Award](#) (04/2016)

- The SAM TC of the IEEE Signal Processing Society has selected the proposal of Prof. Rodrigo de Lamare (Pontifical Catholic University of Rio de Janeiro, Brazil, and University of York, U.K.), Prof. Martin Haardt (Ilmenau University of Technology, Germany), and their team to organize the [9-th IEEE Sensor Array and Multichannel Signal Processing Workshop \(SAM 2016\)](#) from July 10 - 13, 2016 in Rio de Janeiro, Brazil. The workshop will take place during the first half of July about a month before the 2016 Summer Olympic Games when Rio will offer plenty of cultural activities and festivities, which will make SAM 2016 a memorable experience. (07/2016)
- Ilmenau University of Technology has been selected to host the 19-th ITG International Workshop on Smart Antennas ([WSA 2015](#)) from March 3 - 5, 2015, welcoming experts in wireless communications for multiple antenna systems from around the world. (03/2015)
- The Sensor Array and Multichannel Technical Committee ([SAM TC](#)) of the IEEE Signal Processing Society has elected Prof. Martin Haardt as its Vice Chair. He will serve in this position from January 2015 until December 2016. In 2017 and 2018, Prof. Haardt is scheduled to serve as the Chair of the SAM TC. The SAM TC promotes activities within the technical areas of sensor array processing and multi-channel statistical signal processing, including beamforming, direction-of-arrival estimation, source localization, MIMO systems, compressed sensing, sparse modelling, tensor-based signal processing, signal processing for sensor networks, network beamforming, blind source separation, channel identification, as well as array processing for radar, sonar, communications, microphone arrays, and biomedical applications.
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- Press Coverage of the Inauguration of the [German-Russian Institute of Advanced Technologies \(GRIAT\)](#) (09/2014)
- 5G bringt 50 Gigabit pro Sekunde aufs Handy, [Die Welt](#) , [Hamburger Abendblatt](#) , [Berliner Morgenpost](#) (03/2014)
- In Nov. 2013, Prof. Martin Haardt has been re-elected for his second term as a member of the Sensor Array and Multichannel Technical Committee ([SAM TC](#)) of the IEEE Signal Processing Society. As a part of his service for the SAM TC, Prof. Haardt serves as General Co-Chair of the Fifth IEEE International Workshop on Computational Advances in Multi-Sensor Adaptive Processing ([IEEE CAMSAP 2013](#)) in Saint Martin, France, from December 15 - 18, 2013.
- [Prof. Haardt serves as the Technical Program Co-Chair of the 20-th European Wireless Conference \(EW 2014\), which will take place in Castelldefels, Barcelona, Spain from May 14 - 16, 2014.](#)
- The SAM TC of the IEEE Signal Processing Society has accepted the proposal of Prof. Aleksandar Dogandžić (Iowa State University), Prof. Martin Haardt (Ilmenau University of Technology), and their team to organize the [Fifth IEEE International Workshop on Computational Advances in Multi-Sensor Adaptive Processing \(IEEE CAMSAP 2013\)](#) from December 15 - 18, 2013. (07/2012)
- [After successful editions in York \(2010\), Aachen \(2011\), and Paris \(2012\), Ilmenau University of Technology has been chosen to host the Tenth International Symposium on Wireless Communication Systems \(ISWCS 2013\) from August 27 - 30, 2013, welcoming experts in wireless communications from around the world.](#) (07/2012)
- [Prof. Martin Haardt has been appointed Honorary Visiting Professor at the University of York](#)(06/2012)
- [EUREKA SUCCESS STORY > CELTIC WINNER+](#) (11/2011)
- [IEEE Student Mobilization Report-June 2010](#)

- [IEEE student branch founded at the TU Ilmenau](#)
- [Ilmenau International Seminar Series on Communications and Signal Processing](#)