

Newsletter of IEEE ITSS German Chapter



ISSUE No. 1 June 2021

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IEEE ITSS Germany

A brief introduction of the newsletter ...

Welcome to the first newsletter of the German Chapter of the IEEE ITSS. This relatively young chapter was established in April 2019 to become the meeting place of choice for the intelligent transportation systems community in Germany.

Our objectives are to encourage students, engineers, researchers, and young professionals to cooperate, to increase contributions in the area of ITS, and to disseminate latest ITS innovations.

With the celebration of our second year, we introduce the first newsletter to our members. Along with our website, this newsletter is a source of information for anything IEEE ITSS-related in and beyond Germany and promotes important dates and events, such as distinguished lectures and our annual PhD award.

ExCom Officers

The faces behind ITSS Germany ...

The IEEE ITSS Germany Executive Committee (ExCom) officers are responsible for operating the chapter and sharing information with its members. They act as a link to the IEEE German Section and the IEEE ITS Society.

The IEEE ITSS German Chapter was founded and is led by **Dr.-Ing. Ahmed Hussein**, who is seconded by vice-chair **Daniel Medina**. Additionally, **Dr.-Ing. Fateme Bakhshande** and **Daniela Horn** support the chapter as treasurer and secretary, respectively. Student activities are coordinated by **Philipp Sieberg**.



Dr.-Ing. Ahmed Hussein

Chair
IAV GmbH
2021/2022



Daniel Medina

Vice-Chair
German Aerospace
Center (DLR)
2021/2022



Dr.-Ing. Fateme Bakhshande

Financial Chair
University of
Duisburg -Essen
2020/2021



Daniela Horn

Secretary
Ruhr-Universität
Bochum
2021/2022



Philipp Maximilian Sieberg

Student Activities
Chair
University of
Duisburg -Essen
2020/2021

The ExCom is completed by **Prof. Dr.-Ing. Christoph Stiller** and **Dr. rer. nat. Hadj Hamma Tadjin**, who are responsible for continued education and industry relations, respectively.



Prof. Dr.-Ing. Christoph Stiller

Continued Education
Karlsruher Institut für
Technologie (KIT)



Dr. rer. nat. Hadj Hamma Tadjine

Industry Relations
IAV GmbH

Past Events

A glimpse of what happened so far!

ExCom Administrative Meetings

The ExCom officers are meeting on a monthly basis to discuss the chapter activities and share ideas on how to benefit all our members. These meetings usually take place on the first Monday of each

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month from 6-7pm. All chapter members are welcomed to join and be a more active volunteer. Check the [website events calendar](#) for scheduled meetings, or contact us via e-mail at contact@ieee-itss-germany.org for more details.

Distinguished Lecture

On March 30, 2021, **Dr. Alex Minetto** gave a distinguished lecture webinar about “*An introduction to new paradigms of collaborative satellite-based navigation in ITS*”. The lecture introduced paradigms and novel perspectives enabled by the joint exploitation of satellite-based raw measurements and low-latency networks, such as cooperative integrity of the positioning/timing data, enhancement of estimation accuracy in harsh conditions, and accurate time synchronization, which are only a few among the possibilities to fuel next-gen ITS. The event had about 36 attendees. It concluded with an active Q&A session and was met with positive feedback. You can watch the session recording over [here](#).

IEEE Students Benefits Event

On April 30, 2021, **Philipp Sieberg** (Chapter Student Activities Chair), gave a webinar on IEEE Student Membership Benefits and Activities. The aim of the presentation was to share details with the students on who we are, the benefits of a membership, and current activities. The event was held in German and had about 25 attendees from all over Germany. The event ended with an active Q&A session and was well received. You can watch the session recording over [here](#).

Industry Meets Academia Webinar

On May 11, 2021, the IEEE ITSS Educational and Technical Activities have jointly developed the ITSS “Industry Meets Academia” Webinar Series. The first webinar was titled “*Future-Proofing Vehicle*

Safety Communications”. The event was moderated by **Jim Misener** (Qualcomm, Member of IEEE ITSS Board of Governors), with invited speaker **Dr. Yaser Fallah**, and **Ralph Gholmieh** and **John Thai** as panelists/discussants. In this inaugural webinar, challenges related to standardization, application development and the role of infrastructure of these technologies were discussed. The event had about 60 attendees and the online recording will be available on the [IEEE ITSS Educational Activities](#) website.

Non-Technical Webinar

On May 27, 2021, IEEE ITSS Germany collaborated with IEEE YP AG Germany on cosponsoring a non-technical event for all members within the German section. **Dipl.-Psych. David Guerra** was the invited speaker, who gave a webinar about “*Imposter Syndrome in Expats*”. The webinar presented the psychological background of the impostor syndrome, the role it plays in the personal and professional development of people suffering from it and how to cope with it. Participants had the chance to share their own experience in an open dialogue. The event had approximately 25 attendees. The online recording is available over [here](#).

Calls for Participation / Papers / Nominations

[Check out the active calls to join ITSS events](#)

Call for Participation

IV21 - IEEE Intelligent Vehicles Symposium

- **Date:** July 11-17, 2021
- **Venue:** (Virtual) Nagoya, Japan
- **Website:** <https://2021.ieee-iv.org/>

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ITSC21 - IEEE International Conference on Intelligent Transportation Systems

- **Date:** September 19-22, 2021
- **Venue:** (Hybrid) Indianapolis, IN, United States
- **Website:** <https://2021.ieee-itsc.org/>

FAST-zero'21 - International Symposium on Future Active Safety Technology Toward Zero Traffic Accidents

- **Date:** September 27 – October 1, 2021
- **Venue:** (Virtual) Kanazawa, Japan
- **Website:** <https://www.fast-zero21.info/>

Calls for Papers

VNC21 - IEEE Vehicular Networking Conference

- **Paper Submission Deadline:** July 10, 2021
- **Date:** November 10-12, 2021
- **Venue:** (Hybrid) Ulm, Germany
- **Website:** <https://ieee-vnc.org/2021/>

Call for Nominations

2021 ITSS Germany PhD Dissertation Award

The IEEE ITSS Germany – Best PhD Dissertation Award is given annually for the best PhD dissertation in any ITS area that is innovative and relevant to practice. This award has been established to encourage doctoral research in Germany that combines theory and practice, makes in-depth technical contributions, or is interdisciplinary in nature, having the potential to contribute to the ITSS and broaden the ITS topic areas from either the methodological or application perspectives.

ITSS Germany invites young professionals to submit their PhD material and aim at earning a certificate and a cash prize!

- **Submission Deadline:** October 3, 2021
- **Notification Deadline:** December 1, 2021
- **Website:** <https://ieee-itss-germany.org/awards/>

Volunteering Ideas

Help us shape the future of ITSS Germany!

Are you missing any kinds of events, would like to propose a certain speaker for a distinguished lecture, or have other ideas that might be realized by ITSS Germany? Don't hold back! Contact us with your suggestions and get involved via contact@ieee-itss-germany.org.

Important Links

Don't forget to check out ...

- **IEEE Website**
<https://www.ieee.org/>
- **German Section Website**
<https://www.ieee.de/>
- **ITS Society Website**
<https://www.ieee-itss.org/>
- **ITSS Educational Activities**
<https://edu-ieee-itss.org/>
- **Chapter Website**
<https://ieee-itss-germany.org/>

For more information on how sign up to receive the newsletters, or contribute to its content, please contact us at contact@ieee-itss-germany.org.