

Sweden Section

Chair, Andrei Gurtov

Section Vitality

IEEE Sweden Section is completing the process of the elections for 2023. The NomCom made nominations for all except the secretary, industrial relations officer and newsletter editor positions. The Section voters have a choice to support NomCom nomination, to abstain or write in own candidate. However, since we follow local tax office regulations, the fiscal year formally ends at the end of March, when the AGM is conducted and the board hands over the responsibilities to the new board. The new candidates for unfilled positions are actively being searched for to be installed by the AGM.

Traditionally, the Vice-Chair takes over the Chair role, but it also depends on the results from the voting. We do take into consideration new suggestions made by members in the section. For 2023, the Chair is continuing, but the Vice-Chair served for several years now and wished to step down. The Nomination and Appointment Committee collected feedback and volunteers for Board positions for 2023.

In March 2022, AGM elected a nominating committee (NomCom); NomCom was managed by Havel Khadem with help of Samarth Deo and Arne Alping. NomCom designed a democratic process for reorganization. The elected board members of IEEE Sweden Board for FY 2023 will be announced and confirmed at the AGM.

A remarkable value-add during AGM 2022 is a technical lecture "Title: Secure networked control systems: Closing the loop over malicious networks" by IEEE Fellow Prof. Henrik Sandberg's: <https://people.kth.se/~hsan/>

The IEEE Sweden Section board was active in 2022 and held online meetings at every month (except the summer break). To promote IEEE Sweden, the board and affinity chairs will be now wearing "IEEE Sweden" logo shirts on special occasion

Students

The section has six registered student branches. While three of them have been active (KTH, Chalmers and Linköping), the other three have been dormant for some time now. The new Student Activities coordinator was recently recruited and passed the R8 event training in Turkey in February 2023. The Section works to attract more student members via selected award memberships.

Affinity Groups

Young Professional and Women in Engineering Affinity Groups are present in the Section. WiE was quite active organizing several events, while YP is in search of a new leader. The Section has a strong potential to form a LM AG, and we are working to organize it.

Chapters

The Section has fifteen registered chapters. The largest and most active societies are: COMSOC/VT, Computer, Signal Processing, Power and Energy, Microwave theory, Antennas and Propagation (over 100 members each).

The Annual Chapter Chairs workshop (held October) is a forum for all chapter, affinity group, student branch chairs to discuss events that could be done in collaboration. The meeting has been tradition since 2016 and is a reason for successful operation of the chapters. During the meeting, chapters are also briefed about the budget process for the coming years, making sure the budget is submitted, approved at the right time and the section treasurer has all the input needed to submit to the IEEE HQ.

Sweden and Norway joint Section Chapter Chair (Janet (Jing) Lin) was awarded for placing 1st Tier in the 2022 Chapters Awards by the IEEE Reliability Society.

Industry

The link to industry was somehow weak in 2022, as the Industry Relations officer resigned from the board in the middle of the term. We are actively looking for a replacement.

Diversity, Equity and Inclusion

WiE is a very active affinity group in the Section. Several Chapters are led by female members.

Dr. Ming Xiao, Membership Officer keeps the statistics regarding gender balance, inclusion, etc.

Activities since the last report

IEEE Reliability Society, Joint Sweden and Norway Chapter

We have successfully hold our first annual meeting for members in November 2022. Thanks to all support/suggestions/comments from our members! Special thanks to Professor Bjarne E. Helvik from NTNU Norway, and Professor Niklas Björsell from University of Gävle Sweden!

Thanks to our Senior Member Mr. Yinchen from Volvo CE, we are now preparing one industrial visit tour and workshop at Volvo CE (Eskilstuna, Sweden) . The current time for factory visit will be on 2nd March (during 13:00 to 15:00 pm, one hour factory tour + one hour workshop).

IEEE Photonics Society, Sweden Chapter

On 5-6 October 2022 PhotonicSweden and Umeå University organized the annual Optics and Photonics in Sweden (OPS-2022) conference (due to Covid-19 postponed from 2020).

The IEEE PS-Sweden 2022 Best PhD Thesis Award was closed for nominations on 30-Nov-2022. The award was open to all relevant PhD students whose PhD was awarded by a Swedish university between 1-Sept-2021 and 31-Aug-2022.

The OptoPub in Kista/Stockholm on 14-Dec-2022 was co-organized with PhotonicSweden. The OptoPub started at 5:30pm and this time it was an on-site event only. Organizers were Lennart BM Svensson (PhotonicSweden) and Prof. Qin Wang (IEEE/RISE/KTH).

See the Section Newsletters for a full list.

Planned activities

The Sweden Section AGM is planned on Mar. 16, 2023 at Linköping University and online.

The IEEE Sweden Section is planning to technically sponsor the 18th Swedish National Computer Networking and Cloud Computing Workshop to be held in Kristianstad, Sweden, June 14-15, 2023.

The 2023 Sweden Section Chapter Chairs workshop is scheduled for October in hybrid mode, Linköping University and Zoom.

See the Section Newsletters for a full list.

How Region 8 can be of help to your Section, members, and activities

Provide early registration and visa support 6 months before R8 events.

Sponsor an additional delegate to R8 meeting for training.

Provide a tool to recruit more volunteers to the Section board.

Ensure there is no national discriminations nor political propaganda during the R8 meeting.

Any other issues of interest

Section documents are posted on

<https://r8.ieee.org/sweden/archive/>

More details in our quarterly newsletter

<https://r8.ieee.org/sweden/wp-content/uploads/sites/130/2022/04/IEEE-Newsletter-2022-Q1.pdf>

<https://r8.ieee.org/sweden/2022/08/25/ieee-sweden-section-newsletter-2022-q2/>

<https://r8.ieee.org/sweden/2022/10/26/ieee-sweden-section-q3-newsletter/>

<https://r8.ieee.org/sweden/wp-content/uploads/sites/130/2023/01/IEEE-Newsletter-2022-Q4.pdf>

<https://r8.ieee.org/sweden/wp-content/uploads/sites/130/2023/02/IEEE-Sweden-Chapter-Chairs-2022.pdf>

<https://r8.ieee.org/sweden/wp-content/uploads/sites/130/2023/02/AGM-Agenda.pdf>