

Sweden Section

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Section Vitality

We held the Annual General Meeting (AGM) in a hybrid format (online and in Linköping University) in March. The signed minutes and other reports are available on our web site <https://r8.ieee.org/sweden/archive/> Gladly, now we have a full and energetic executive board with all positions filled.

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.

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 2023 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 three active student branches (KTH, Chalmers and Linköping). New chairs and board members were actively recruited to all SBs. 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 got a new leader (shared with SAC). 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.

VT/COM/IT Chapter received the 2023 Chapter of the Year Award from the IEEE Information Theory 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. A new officer started in March 2023.

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 Sweden SPS Chapter – Announcing the Inaugural SPS Day Friday, 2 June 2023 / 75 years SPS Day
May 27 @ 08:00 - 17:00

IEEE VT Society Distinguished Lecture (hybrid) by Prof. Rui Dinis on Nonlinear effects in digital communications
Time and date: May 11, 2022, 10:15-11:30 CET

Planned activities

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

Optics and Photonics in Sweden (OPS-2023): October 17 @ 13:00 - October 19 @ 16:30

The Optics and Photonics in Sweden (OPS-2023) conference is organized by PhotonicSweden and the Royal Institute of Technology (KTH). The general chair is Prof. Mattias Hammar, Division of Electronics and Embedded Systems, KTH.

The conference will give an overview of Optics and Photonics in Sweden and Scandinavia and offer a good platform for creating new collaborations. Keynote speakers will highlight European research and developments. A poster session will provide an additional opportunity to display to the most recent developments. An exhibition and a session with company presentations will be held in parallel to the technical sessions to provide industry, institutes and associations, an opportunity to display their products and services and bridge the gap between science and industry.

Women-in-STEM @ Photonics Global Conference (PGC-2023) August 23 @ 12:00 - 13:00

The Photonics Global Conference (PGC-2023) will be held at KTH AlbaNova Campus, Stockholm, Sweden, on 21-23 Aug-2023. The aim of this conference is to foster interactions among broad disciplines in the photonics and optical communication family. This is going to be the biggest photonics and communication event this year in Sweden being an excellent platform to meet and share latest research work. Dr. Xiaodan Pang (KTH/IEEE) is one of the General Chairs and Dr. Rafael Puerta (Ericsson/IEEE) is one of the Program Chairs. A Women-in-STEM forum, organized and sponsored by IEEE-PS-Sweden, is planned to be an event as a part of the conference.

The forum “More Women-in-STEM for a Greener World” is an IEEE event at PGC-2023 organized and chaired by Prof. Qin Wang (RISE/IEEE) and Dr. Shagufta Naureen (Coherent/IEEE) and sponsored by a grant from the IEEE Photonics Society. This forum will provide a platform for all PGC-2023 participants to share their thoughts on getting more workforces to face current climate change and environmental degradation that threat the world. Several invited panelists from Swedish government, RISE, KTH and companies will join the forum to have an open discussion with audience.

Swedish Communication Technologies Workshop (Swe-CTW) - September 27-28

We are happy to announce that the Swedish Communication Technologies Workshop (Swe-CTW) will once again be organized as a physical event, on September 27-28 in Stockholm. Swe-CTW started at KTH in 2011 and is now returning, this time to KTH Kista.

Swe-CTW 2023 will bring together researchers and research students in the general areas of communication technologies. The main goals are networking among Swedish scientists and students, and sharing of research insights between people working in different fields.

Website: <https://site.ieee.org/swe-ctw/>

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

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

Sponsor an additional delegate to R8 meeting for training.

Provide a tool to recruit more volunteers to the Section board. Facilitate buying IEEE merchandise.

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/2023/05/19/ieee-sweden-section-2023-q1-newsletter/>

<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>

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