



IEEE Sweden Section Annual Report Fiscal Year 2015

Major Meetings and Events

The **VT/COM/IT Chapter** held 13 technical meetings and workshops. Hosting the annual Swe-CTW in May in Karlstad, aligned with SNCNW. Workshop on Wireless Vehicular Communications in Nov in Halmstad. Annual SYP contests on both journal and conference papers. The **CPMT Chapter** held 7 tech meetings. Hosting 1st CPMT Nordic Committee meeting in June in Göteborg combined with the workshop on Nanoscale Electronics Packaging. The new **RAS Chapter** arranged Robotics Education workshop in Nov, Stockholm, workshop in Dec, Lund. IEEE CASE in Aug, Göteborg. The **PE/PEL Chapter** co-sponsored the Section 50 yr lecture and NSYP, arranged a DL in Oct in Stockholm, and is processing the IEEE milestone HVDC-cable. The **C Chapter** arranged VS Games Conf on Virtual Worlds and Games for Serious Applications in Sep at Skövde, Nordic Conf on Secure IT systems in Oct in Stockholm, and Systems & Software Engineering workshop with INCOSE in Nov in Linköping... The **E Chapter** with pan-Nordic cooperation participated in the LaTiCE in April in Taipei. The **MTT/AP Chapter** with new Chair arranged DL in June in Stockholm. The **EMC Chapter** arranged an industry meeting with FMV in May in Enköping, and with Swerea IVF in Oct in Copenhagen. The **IA Chapter** starting a revitalization process with a new chair. The new **P Chapter** had workshop on optical communication in Sep in Göteborg, participated on ADOPT in Oct in Stockholm, co-sponsored the Section 50 yr lecture, and organized "Introduce a Girl to Photonics" jointly with **WiE**. The **SP Chapter** is restarting with new Board. The **SSIT Chapter** participated on the ISTAS in Nov in Dublin, and has renewed the Board. The **SSC/CAS Chapter** arranged the annual Swedish System-on-Chip Conference (SSoCC) in May in Göteborg. The **ED Chapter** arranged a meeting on high-speed optoelectronic for datacenters in June.

The **Student Branches, YP** (Alberto Lorente Leal) and **WIE** (Nasim Farahini, chair) activities continued successfully, including both industry and academic events.

Board Activities

During 2015 the IEEE Sweden Section Board had 13 regular board meetings by tele conference, and face-to-face meeting at the AGM.

The Sweden Section celebrated 50 yr anniversary 2015, which was highlighted in various IEEE events: E.g. at seminars hosted by chapters throughout Sweden, and the IEEE Day organized by Students, YP and WiE. The Sweden Section organized a major event on 6 Nov by combining a number of activities. A celebration seminar, open to all IEEE Sweden members and friends, was followed by a dinner hosted by the 2nd Vice Mayor at the Stockholm City Hall

The seminar was inaugurated by KTH President Peter Gudmundson, a history reflection by Section Chair Mats Edvinsson, Distinguished Lectures were provided by Polhem Prize winner Hans Björklund, ABB HVDC and by IEEE Fellow Michael A. Huels. Region 8 Director Martin Bastiaans then inaugurated the IEEE Nordic SYP (see below).

The re-vitalization process of the Sweden Section continues, since started 2014: Increased member interaction and IEEE visibility, with more and explicit communication. Support chapters in development and re-starting. Increase cooperation across chapters, with industry, and across country borders. We have now a more structured and transparent process for planning, budget and reporting. We continue to build for the future, such as investing and engaging the younger generation into Section and chapter activities, as well as running and introducing activities across the entire Section. For the 3rd year in a row, we had a successful joint chair workshop with the Section, Chapters, YP, WiE and Student branches in October, with almost all chapters participating physically or via web.

International Activities

Margaretha Eriksson is the **Region 8 Director-Elect** 2015-2016, the first female on this position ever. Chair **Mats Edvinsson** and Treasurer **Margaretha Eriksson** attended the R8 in Cyprus in March, and the R8 in Ljubljana in October. Sweden assisted Spain in preparations for Eurocon 2015 with key experts to Technical Program Committees. Sweden hosted the first ever **Nordic SYP Congress** in Stockholm, with participants from Nordics, Baltics and Europe. It was combined with a pan-Nordic **Section Chair meeting**, and the Sweden Section 50 yr anniversary celebration. **Samarth Deo** received the **Region 8 Young Professional Exceptional Volunteer Award** 2015.

Members

The Section had in total 2 311 members, including associates and affiliates as of end Dec 2015, of which 247 Senior Members and 32 Fellows; 2 Fellow elevated in 2015.

IEEE Sweden Section Board

Mats Edvinsson, Chair
Margaretha Eriksson, Treasurer
Igor Gazdík, Vice Chair
Vladimir Bazhanov, Secretary
Rune Persson, Membership Development
Juan Hernández, Member
Samarth Deo, Member, supervisor of Young Professionals, Student Branches and WiE.

Stockholm, February 17, 2016

Mats Edvinsson,
Chair, IEEE Sweden Section