



IEEE Sweden Section Annual Report Fiscal Year 2014

Major Meetings and Events

The **VT/COM/IT Chapter** held 15 technical meetings and workshops. Sponsored Optical Networking Design and Modeling, (ONDM) in May in Stockholm, jointly with IPS. Hosting the annual Swedish Communication Technologies Workshop (Swe-CTW) in June in Västerås, aligned with Swedish National Computer Networking Workshop (SNCNW). Workshop on Wireless Vehicular Communications in Nov in Halmstad. The **CPMT Chapter** arranged open seminars at the BioNano Systems Laboratory, Chalmers, Göteborg. Cooperation ongoing with CPMT Finland and Norway. The new **RAS Chapter** arranged workshop on Robotics Education in Oct in Stockholm. The **PE/PEL Chapter** arranged DL seminar on Power Electronics for High-Power Applications at KTH, Stockholm in Dec. The **SSC/CAS Chapter** arranged the annual Swedish System-on-Chip Conference (SSoCC) in May at Vadstena, and COMPSAC in July at Västerås. Arranged jointly with C chapter the Int'l Conf on Pattern Recognition (ICPR) in Aug at Stockholm, and the IEEE Requirements Engineering Conf (RE'14) in Aug at Karlskrona. The **C Chapter** arranged VS Games 2015 Conf on Virtual Worlds and Games for Serious Applications, in September at Skövde, and the IEEE/ACM Conf on Automated Software Engineering, in Sep at Västerås. Other joint events with SSC/CAS. The **E Chapter** with pan-Nordic cooperation participated in COMPSAC, and the Computing Education Research conf in Nov at Koli, Finland. The **MTT/AP Chapter** increases external industry relationships. Topics include e.g. identifying MTT/AP issues in e.g. mining industry. The **IA Chapter** started a revitalization process with a new chair. The new **IPS Chapter** started 2014. Co-sponsor of ONDM jointly with VT/COM/IT. The **EMC Chapter** meeting on EMC in nuclear power in March at Oskarshamn. Tech meeting with SNRV/E on Lightning protection in Nov in Stockholm. The **SSIT Chapter** has new focus on open online sessions on hot topics. Arranged a DL tour in Finland and Sweden. The **Student Branches, YP** (Alberto Lorente Leal, interim chair before AGM) and **WIE** (Nasim Farahini, chair) activities continued successfully, under the supervision of Samarth Deo. (The IEEE entity Young Professionals replaces GOLD).

Board Activities

During 2014 the IEEE Sweden Section Board had 12 regular board meetings by tele conference, and face-to-face meeting at the AGM.

A re-vitalization process of the Sweden Section started in April 2014 and continues 2015, with many items: Increase member interaction and IEEE visibility. A quarterly newsletter started 2014 q2, mailed to Sweden members. The Section invited members to **Nobel Prize Laureate** lectures and events, by cooperating with universities and the Swedish Nobel Committee: **Prof M Levitt** (Chemistry 2013) in June and **Prof H Amano** (Physics 2014) in December.

A successful joint workshop with the Section, Chapters, YP, WiE and Student branches was done in October, as a part of the vitalization process: Future development of IEEE in Sweden, initiatives and directions for the next 3 years, increased interaction and sharing between Chapters, YP, SB's and WIE. Following the workshop, a new budget process started Oct 2014, to increase clarity and transparency, as well as increase focus on the long term development; E.g. assure inflow of young (student) members as well as industry participants into the Chapters and the Section. In addition, measures to improve the reporting procedures, such as all IEEE activities and financial reporting related to IEEE in Sweden.

International Activities

Margaretha Eriksson is the **Region 8 Director-Elect** 2015-2016, the first female on this position ever. **Lina Bertling Tjernberg** is the PES Secretary 2014-2016. Chair **Mats Edvinsson** and Treasurer **Margaretha Eriksson** attended the R8 in Budapest in April, the R8 and IEEE Section Congress in Amsterdam in August. Sweden assists Spain in preparations for Eurocon 2015 with key experts to Technical Program Committees. The Sweden Section nominated candidates for e.g. the Awards and Recognition committee, the Admission and Advancement Committee, the Computer Society BoG, and the R8 Vice-Chair of Student Activities. The Region8 YP **Exceptional Volunteer Recognition** 2014 was presented to **Ravi Chandra Maheswaram** and **Samarth Deo**, and the Region8 **Exemplary Student Branch 2014** was presented to **BTH**. Sweden participated in the SYP congress in Krakow by **Samarth Deo** and **Sinduri Kasala**. Samarth Deo graduated from the IEEE MGA VLT program in December 2014.

Members

The Section had in total 2 420 including associates and affiliates as of December 2014, of which 246 Senior Members and 27 Fellows; 1 Fellow elevated in 2014.

IEEE Sweden Section Board

Mats Edvinsson, Chair
Margaretha Eriksson, Treasurer
Igor Gazdík, Vice Chair
Rune Persson, Membership Development
Vladimir Bazhanov, Secretary
Patryk Urban, Member
Juan Hernández, Member
Mikael Bergqvist, Member
Samarth Deo, adjunct Member, Young Professionals, Student Branch and WiE supervisor.

Stockholm, February 7, 2015

Mats Edvinsson,
Chair, IEEE Sweden Section