



IEEE Sweden Section Annual Report 2011

Major Meetings and Events

The **PE/PEL Chapter** held five board meetings by phone, took part in Senior member elevation activities (Lund 29 March, Göteborg 7 April, Västerås 14 April); A seminar on "Power System Protection: Historical Evolution and Modern IEDs" hosted by ABB Corporate Research, Västerås on 15 April.

Chapter Chair Presentations at Region 8 Chapter Chairs Meeting, IEEE PowerTech 2011 19 June, at IEEE Sweden Section Annual General Meeting 2011 14 February. Presentations for media (Experience from IEEE and conference organizing - ISGT 2010 Gothenburg, 7 June); IEEE KTH Student branch Study visit at Ventyx ABB Company in Västerås 27 April, KTH seminar with IEEE Women in Engineering: IT opportunities in Smart Grids 2 May).

The **VT/COM/IT Chapter** held twelve administrative board meetings and seven technical meetings and workshops. In the framework of the meetings a distinguished industry lecture was delivered by **Erik Stare**, Terracom, a distinguished COMSOC lecture by **Javan Efranian**; a lecture by Professor **Gerhardt Kramer** on "Information Networks, Cooperative Communications; on two occasions, a lecture by Prof. **Michael Gastpar** "Algebraic Structure in Network Information Theory"; a Swedish Communication Technologies Workshop (Swe-CTW); and a Workshop on Wireless Vehicular Communications. In the course of the year the chapter expanded to VT/COM/IT chapter. At Globecom 2011 in Houston, the VT/COM/IT Chapter was awarded the *IEEE COMSOC Chapter Achievement Award*. Besides, the chapter has sponsored two conferences to be held in 2012: "7th International ICST Conference on Cognitive Radio Oriented Wireless Networks and Communications (CROWNCOM)," to be held in Stockholm, and the "7th International symposium on turbo codes & iterative information processing," to be held at Gothenburg in August 2012.

The **CPMT Chapter**, led by Prof. **Johan Liu**, organized a very successful joint IVA Väst-Chalmers workshop in which the West Coast's leading researchers and companies presented their accomplishments in the area of nano- and microtechnology for electronics and microsystem applications.

The **SSIT Chapter** was created by **Dr Juan Hernández**, and an Interim Board is acting until the Chapter's first AGM, which will take place in early 2012. A paper was submitted to the SSIT Newsletter. The chapter is developing the basis for a future workshop "Framtidens Samhälle". The chapter has currently 50 members and some have been proposed to be Mentors providing expertise to young engineers. The **EMB Chapter** has been revived and started its activities under the leadership of **Fernando Seoane**. The 2011 Annual General Meeting took place on February 14, at IVA. Prof. **Lina Bertling**, Chalmers, delivered a technical lecture on "Smart Grids."

The **GOLD** (Amir Zahoor, chairman), **WIE** (Nasim Farahani, chair) and Student branch (Nicolas Schrammar, chairman) activities continued successfully under the supervision of Imadur Rahman.

Board Activities

During 2010 the IEEE Sweden Section Board had 9 board meetings, of which eight by phone and one face-to-face meeting.

Four IR-Newsletters were published by Igor Gazdík since the previous Annual Meeting.

The Teacher in Service Program initially introduced at Tensta Gymnasium by Igor Gazdík and Maizura Ailin collapsed due to lack of interest on the part of the school.

Life member activities have been initiated in the Stockholm-Västerås-Uppsala triangle. Two newsletters have been published. The goal is to expand so as the whole country is covered. Responsible is Igor Gazdík.

PACS (the Professional Activities Committee) was formally created. Four peer to peer meetings have been organized to transfer to students and young engineers experience about topics generally not covered in their curricula. Means for broadcasting Webinars have been tested. Early in 2012 the activities will start. All our members, who want to communicate some useful achievements to IEEE members in an international environment, are invited to join in those activities. Discussions with the R8 PAC are underway. The leader of PACS is Juan Hernández.

International Activities

The Danish-Icelandic proposal to form a Joint Chapter on Computer Games has collapsed because of weak interest in Sweden.

Igor Gazdík participated in the R8 meeting in London in the springtime, along with vice-chairman Imadur Rahman. Igor took also part in the R-8 summer meeting and Sections Congress in San Francisco in August. Margaretha Eriksson presented seminars at Melecom in Amman. Christer Åhlund was appointed External Examiner at the University of Malta. Lina Bertling Tjernberg was elected to the post of PE/PEL Society Treasurer. This is the highest ranking post in the IEEE hierarchy, currently held by a Sweden Section member.

Members and Finances

The Section had in total 2 404 active members, including associates and affiliates.

40 Senior Members were approved in four meetings in 2011, totalling in 258 SM. One fellow was elevated, totalling in 40 FM.

The Section has received the annual rebate for 2011. The Section's financial situation is good.

IEEE Sweden Section @ Internet

The web site www.ieee.se has been updated with new information about section, chapter and board activities, as well as contact information.

A new webmaster has been recruited.

IEEE Sweden Section Board

Igor Gazdík, Chairman, IR and LM Officer

Imadur Rahman, Vice Chair, and GOLD, Student
Branch and WiE supervisor

Mikael Bergqvist, Treasurer

Christer Åhlund, Secretary

Rune Persson, Membership Development

Juan Hernández, PACS, SIT

Margaretha Eriksson, Member

Hector Zelaya, Member

Active Chapters

CPMT

C

E

ED

EM

EMB

EMC

IA

MAG

MTT/AP

PE/PEL

SP

SSC

SSIT

VT/Com/IT

Stockholm, February 29, 2012

Igor Gazdík,

Chairman, IEEE Sweden Section