



# IEEE Sweden Section Annual Report 2010

## Major Meetings and Events

The **CPMT Chapter** organized a seminar by **Dr Bill Brox** on Sensors and their applications, on Nov 5. The **PE/PEL Chapter** sponsored the organization of the first IEEE Innovative Smart Grid Technologies Conference (ISGT) in Europe, October 11-13, in Gothenburg. The conference gathered over 400 persons from 40 countries, of 60% from industry and 40% from academia. The **Computer Chapter** in co-operation with INCOSE, arranged the 7<sup>th</sup> European Systems Engineering conference - EuSEC under the title "Systems Engineering and innovation", 23 – 26 May. The **VT/COM Chapter** organized an IEEE Distinguished Lecturer tour for **Prof. Andrea Goldsmith**, who talked on the topic "The next wave in wireless technology: Challenges and solutions". The **Magnetics Chapter** organized the **NordicSpin'10 - 2nd Nordic Workshop on Spintronics and Nanomagnetism**, May 7-9, 2010. The **Joint Education Chapter** organized **The Third Reflektori 2010 symposium on Engineering Education** for educational practitioners, developers and researchers in engineering education, on 9-10 Dec. The **MTT/AP Chapter** organized a seminar which included a Lecture on "Miniaturization of UWB Antennas" by **Prof. Zhi Ning Chen** from the Institute for Infocomm Research, Singapore on January 29. The following members have distinguished themselves as individuals: **Robert Chin** was named Industry Lecturer by Region 8. **Lina Bertling** was celebrated by Veckans Affärer as one of 101 Super Talents. **Juan Hernández** was granted a Certificate of Appreciation for his leadership while chairing the VT/COM Chapter. The **2010 Annual General Meeting** took place on March 11, at KTH in Kista. Prof. Dr Walter Margulis from ACREO, Kista, talked about the technology behind glass fibers. The **GOLD, WIE (Nasim Farahini, Chair)** and **Student activities** continued. Student Branch chairman at KTH is Section Board Member **Nicolas Schrammar**.

## Board Activities

During 2010 the IEEE Sweden Section Board had 9 board meetings, of which six by phone and three face-to-face meetings, including a planning meeting. The board organized a Colloquium on Society Bridge developed by Board member J Hernández. Four IR-Newsletters were published since last Annual Meeting. An enhancement of the organization, consisting of merging GOLD, the Student Branch and WIE under Imadur's leadership has been initiated by the Board.

The Teacher in Service Program has been introduced preliminarily at Tensta Gymnasium (Igor Gazdik and Maizura Ailin).

## International Activities

The Baltic cooperation has collapsed. Currently, a Danish-Icelandic proposal to form a Joint Chapter on Computer Games is under consideration. Igor Gazdik, along with Margaretha Eriksson, Rune Persson and Christer Åhlund participated in the R8 meeting in Riga in the springtime. Igor took also part in the fall meeting in Prague. Two student members attended Region 8 Student Branch Congress 4-8 August 2010 in Leuven, where **Margaretha Eriksson** presented seminars.

## Members and Finances

The Section had in total 2 228 active members, including associates and affiliates. 11 new Senior Members were approved during 2010, in addition to the existing 207 SMs. One fellow was elevated. The Section has received the annual rebate for 2010. The Section's financial situation is good.

## IEEE Sweden Section @ Internet

The web site [www.ieee.se](http://www.ieee.se) has been updated with new information about section, chapter and board activities, as well as contact information. A new webmaster and v-tools reference is sought.

## IEEE Sweden Section Board

**Igor Gazdik**, Chairman, IR and LM Officer  
**Imadur Rahman**, Vice Chair and GOLD  
**Mikael Bergqvist**, Treasurer  
**Christer Åhlund**, Secretary  
**Rune Persson**, Membership Development  
**Juan Hernández**, PACE, SIT and SB  
**Margaretha Eriksson**, Member  
**Ragnar Kåhre**, Member  
**Nicolas Schrammar**, Member (Student Branch)

## Active Chapters

Antennas and Propagation/ Microwave Theory  
Power and Energy / Power Electronics  
Components, Packaging and Manufacturing  
Technology  
Education Chapter  
Electron Devices  
Electromagnetic Compatibility  
Magnetics  
Vehicular Technology/Communications  
Signal Processing  
Solid-State Circuits  
Computer  
**Rune Persson** has been working hard on resuscitating sleeping Chapters.

Stockholm, February 14, 2011

*Igor Gazdik*,  
Chairman, IEEE Sweden Section