IEEE Sweden

Vehicular Technology / Communications / Information Theory

Joint (VT/COM/IT) Chapter

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New Era Has Begun for the Chapter

- Michael Lentmaier took over the chair role Oct 21, 2021
  - Chair Oct 2021-
  - Vice chair 2018-2020 (interface to IT Society)
  - Board member 2013-2017

- Tommy Svensson in IEEE Sweden VT/COM/IT Chapter
  - Chair of 2010-Oct 2021
  - Vice chair 2007-2009
  - Board member 2006-2007
Current IEEE Sweden VT/COM/IT Chapter Board

Michael Lentmaier (PhD, Assoc. Prof., Lund University)
• Chair, Membership Development, and Interface to IT Society

Luis Guillermo Martínez Ballesteros (PhD, Ericsson)
• Vice-Chair, Interface to ComSoc, and Industry Activities

Jingya Li (PhD, Ericsson)
• Vice-Chair, Interface to VT Society, and Industry Activities

Danyo Danev (PhD, Assoc. Prof., Linköping University)
• Treasurer, Awards Activities, and Interface to IEEE Sweden

Emil Björnson (PhD, Prof., Royal Institute of Technology (KTH))
• Secretary

Marija Furdek (PhD, Asst. Prof., Chalmers University of Technology)
• Online and Social Media Development

Jafar Banar (PhD Student, Chalmers University of Technology)
• Student Activities and Online and Social Media Development

Mohammad Farsi (PhD Student, Chalmers University of Technology)
Awards Activities and Student Activities

Tommy Svensson (PhD, Prof., Chalmers University of Technology)
• Board member and Interface to IEEE Sweden
Core Activities

- Swedish Communication Technologies Workshop (Swe-CTW)
- Wireless Vehicular Communications workshop
- IEEE Sweden VT-COM-IT Joint Chapter Best Student Journal and Conference Paper Award
- IEEE Distinguished Lecturers Tours (DLTs) and invited distinguished "IEEE Technical Seminars" speakers from academia/industry
- Technical Sponsoring of workshops
- Social media
- Award identifications, nominations, member elevations
- Administrative board meetings, MoMs stored on Chalmers document server
Swedish Communication Technologies Workshop (Swe-CTW)

- Initiated by the IEEE Sweden VT/COM/IT Chapter

- Focus on networking for young researchers (PhD students and post docs) in Sweden (and the nordic countries)

Format of Swe-CTW

- The workshop feature tutorials, poster presentations of submitted abstracts, and invited talks by the top nominated papers for
  - IEEE Sweden VT-COM-IT Joint Chapter Best Student Journal Paper Award
  - IEEE Sweden VT-COM-IT Joint Chapter Best Student Conference Paper Award

In Dec 2021 we held Swe-CTW online with presentations of top nominated papers and concluded with a DLT.

Award Promotions and Nominations

- Handed out, in conjunction with Swe-CTW’2021, the 9th
  - IEEE Sweden VT-COM-IT Joint Chapter Best Student Journal Paper Award 2021
  - IEEE Sweden VT-COM-IT Joint Chapter Best Student Conference Paper Award 2021

- All winners are published at [http://sites.ieee.org/sweden-vtcomit/best-student-paper-award/](http://sites.ieee.org/sweden-vtcomit/best-student-paper-award/), so that winners can refer in their CVs.
Activities During 2022

- **Technical seminars and distinguished lectures**
  - 2022-02-18: IEEE Technical Seminar “Reconfigurable Intelligent Surface for 6G: Communication, Sensing, and Localization” by Prof. Zhu Han, University of Houston, USA (online)
  - 2022-05-11: IEEE VT Society Distinguished Lecture ”Nonlinear effects in digital communications: analytical evaluation of their effects and how to use them to improve the performance” by Prof. Rui Dinis, Nova University of Lisbon, Portugal (hybrid)
  - Additional Technical online seminars and (v)DLTs from Comsoc/VTS/ITS) are being considered
  - ...
Activities During 2022

- Swe-CTW 2022, in preparation, tentatively Nov 30, with a local host

- Restarting industry seminars program
  - In preparation, first seminar in preparation, tentatively November

- Award identifications and nominations

- Wireless Vehicular Communications workshop 2022, Nov/Dec(?), 2022, under discussion

- Participation at IEEE VT Society Chapter Chairs meeting Sep 28, 2022
  - Recipient of the VT Society Chapter-of-the-Year Award, 2022

- Technical sponsoring of conferences/workshops 2022
  - ...
Sponsoring of Conferences/Workshops 2021

- Swedish 6G workshop - 6G for Society
  - Online, free registration
  - Technical and also financial with 1500 USD from Comsoc
  - Co-sponsored also with Wireless World Research Forum (WWRF)

- …
Dissemination

- Pending: Invited for to write an article for Comsoc Global Communications Newsletter.
- Tommy Svensson participated in the ComSoc EMEA Region Chapter Chairs Congress 2018 Dec 2018 and presented our Chapter activities.
- Brief contribution related to ITS award to IEEE Sweden Newsletter Sep 2017.
- Michael Mentmaier presented our chapter activities for IT Society during the ISIT June 25-30, 2017.
- Tommy Svensson took part in the IEEE Sweden Section Chapter Chairs meeting in Stockholm, Oct 6, 2016 and presented the IEEE VT/COM/IT Chapter activities.
- Reporting to Comsoc on activities via Comsoc Questionnaire Spring 2017.
- Brief contribution related to ITS award to IEEE Sweden Newsletter Sep 2017.
Awards received

- IEEE Communications Society Chapter Achievement Award 2020 and 2021
  - 4 chapters awarded in the world
- IEEE Information Theory Society Chapter of the Year Award 2017
- IEEE Vehicular Technology Society Chapter of the Year Award 2016
- IEEE Region 8 Chapter of the Year Award 2015
  - Large chapter category
- IEEE Communications Society Chapter Achievement Award 2015
  - 4 chapters awarded in the world
- IEEE Communications Society Special recognition award 2013
  - "For long-time achievements in chapter activities and ongoing excellence serving its members."
- IEEE Information Theory Society Chapter of the Year Award 2013
- IEEE Communications Society Chapter Achievement Award 2013
  - 4 chapters awarded in the world
- IEEE Communications Society Chapter Achievement Award 2012
  - 4 chapters awarded in the world
- IEEE Communications Society Chapter Achievement Award 2011
  - 4 chapters awarded in the world
Members

- **AGM 2022**: VT/COM/IT memberships: 325 (VT:67, COM:217, IT:41), (unique members: N/A).
- **AGM 2021**: VT/COM/IT memberships: 325 (VT:71, COM:211, IT:43), (unique members: N/A).
- **AGM 2019**: VT/COM/IT memberships: 337 (VT:65, COM:226, IT:46), (unique members: N/A).
- **AGM 2015**: VT/COM/IT memberships: 723 (VT:121, COM:517, IT:85), (unique members: 536).

Comment 1: There is a drop in members.
Comment 2: There seems to be less members when the AGM is held in the spring (compared to the autumn)