

IEEE EMC in 2024 - and what about 2025

Lennart Hasselgren, chairman



IEEE EMC Sweden

- Board
 - Chairman Lennart Hasselgren, Volvo Car
 - EMC requirement responsible
 - Lic Eng from Chalmers
 - Vice chairman Fredrik Harrysson, RISE
 - PhD from Lund
 - Secretary Johan Gran, Lund University
 - Lecturer at Department of Biomedical Engineering, Teaching EMC in dedicated course



Chapter profile

- 48 members from companies, academia and institutes
- 225 persons on mail-list
- Number of members static, mail list increasing
- Majority of members from industry
 - University contacts have improved
 - Still lacking contact with PhD students

Activities

- Full day technical workshops
 - Main focus
 - Ambition is 2 times per year
 - Hosted by members (companies and universities) on voluntary basis
 - Planned together with the board
 - Semi-formal chapter meeting
 - Technical presentations within a topic
 - Visit to local facilities
 - Time to network (high priority from members)
 - Normally 30-50 participants (used to be 20-40)
 - Open to non-members
- Remote meetings
 - Complimentary meeting form – mainly for the annual meeting
 - No hybrid meetings – to stimulate people to attend physical meetings
 - *Teams* is used for our own meetings
 - Open to non-members

2023

- 2 workshop day activities
 - Saab Kockums, Karlskrona
 - Big crowd☺ +50
 - Theme: marine EMC
 - Unique site to visit
 - At Lunds University
 - Again, big crowd
 - Theme: electrical roads
 - >50 attendees
- Annual meeting
 - Teams meeting in December
- Remote meetings during 2024
 - Only the annual meeting
- EMC Europe conference
 - in Krakow, September 2023
 - High quality, many participants
 - Big Swedish group, approx. 20 persons



2024

- 2 workshop day activities
 - RISE, Borås
 - Big crowd☺ +50
 - Theme: Reverberation chamber technique
 - Unique laboratory to visit
 - At Chalmers University
 - Invited guest: Marco Kringler, France - Stellantis
 - Theme: Simulation techniques
 - >40 attendees
- Annual meeting
 - Teams meeting in December is booked
- Remote meetings during 2024
 - Only the annual meeting
- EMC Europe conference
 - in Bruges, September 5-8 2024
 - Very high attendance, fully booked
 - Big Swedish group, approx. 20-30 persons



Plans and thoughts for 2025

- Maintain online meetings
 - Easier to have high attendance
 - More frequent contact with members
- Keep 2 full day workshop
 - Physical meeting is a key feature in the society
 - No1: Preliminary in May
 - No2: TBD
- We are open for joint seminars or workshops with other societies
 - AP/MTT probably most of interest for the majority of members
 - Probably more of academia in AP/MTT than in EMC
 - VT/COM/IT and CPMT also some mutual interest
- IEEE financing
 - Keep on relying on industrial sponsorships
 - Other funding?

Plans and thoughts for 2025, cont.

- Cooperation outside IEEE
 - Discussion on joint meetings with SNRV section E
 - Quarterly chairman's column in Electronic Environment magazine
- How to promote new memberships?
 - Exposure in media
 - Exposure at universities
- Interactions with academia
 - Headhunting the teachers
 - Include them in mail-list
 - Specifically invite them to meetings
 - Support EMC education and training
 - Promoted activity: Guest lecturers from industry
 - New activity: informal local subgroup of university teachers is started
 - Find and list the PhD students in the field – not completed