

# IEEE Sweden Section Chapter Chairs Workshop

## 26<sup>th</sup> October 2023

Andrei Gurtov, Chairman

Professor, Linköping University

# Workshop Agenda

- ▶ 9:00-9:20 Information from the Section Chair, Andrei Gurtov
- ▶ 9:20-9:30 Information from the Treasurer, Christian Bohm
- ▶ 9:30-9:40 Few notes on membership development and IEEE Senior elevation campaign, Ming Xiao
- ▶ 5 min break
- ▶ 9:45 – 10:00 Reliability Society, joint Sweden and Norway Chapter, Janet Lin
- ▶ 10:00 – 10:15 EPS, Jiantong Li, Johan Liu
- ▶ 10:20 – 10:35 C, Kristian Sandahl
- ▶ 10:35 – 10:50 VT/COM/IT, Michael Lentmaier
- ▶ 5 min break

# Workshop Agenda (cont)

- ▶ 10:55 – 11:10 Electron Devices, Carl-Mikael Zetterling
- ▶ 11:10 – 11:25 KTH SB, Roberto Messina
- ▶ 11:30 – 11:45 LiU SB, Suleman/Ahmad/Gurjot
- ▶ 11:45 – 12:00 IEEE Photonics Society Sweden Chapter, Arne Alping
- ▶ 12:00 – 13:15 Lunch break (Universitetsklubben)
- ▶ 13:15 – 13:30 Young Professionals Affinity Group, Oksana Moryakova
- ▶ 13:30 – 13:45 SIT, Christofer Silfvenius
- ▶ 5 min break
- ▶ 13:50 – 14:05 WiE, Amleset Kelati
- ▶ 14:05 – 14:20 IEEE PES/PELS Joint Chapter, Qianwen Xu
- ▶ 14:20 – 14:35 SPS, Amleset Kelati

# Sweden Section

## Foundation

1884



**AIEE**

American Institute  
of Electrical Engineers

Thomas Edison,  
Alexander Graham  
Bell,  
and other notables  
founded the  
**American  
Institute of  
Electrical  
Engineers.**

1912



**IRE**

Institute of Radio  
Engineers

Pioneers of  
wireless  
technologies  
and electronics  
founded the  
**Institute of  
Radio Engineers.**

1963



**IEEE**

Institute of Electrical  
and Electronic  
Engineers

AIEE and IRE  
merged to become  
the Institute of  
Electrical and  
Electronic  
Engineers, or  
**IEEE.**

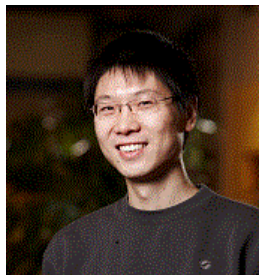
1965



# Sweden Section Ex. Board FY 2023



Chair – Andrei Gurtov  
Linköping University



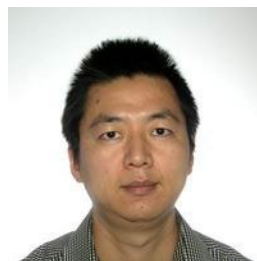
Vice-Chair – Qinghua Wang  
Högskolan Kristianstad



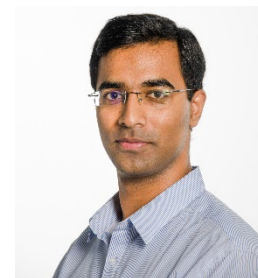
Secretary – Gurjot Gaba  
LiU



Treasurer – Christian Bohm  
KTH



Memb. Dev - Ming Xiao  
KTH



Past Chair – Samarth Deo  
Hitachi ABB Power Grids

Industry Relations  
(Tage)

Newsletter Ed.  
(Haval)

# Sweden Section Board FY 2023 – adjunct members



Oksana Moryakova  
Chair -Student Activities/YP



Amleset Kelati  
Chair – Women in Eng.



Mohamed Hashim  
Chair – Chalmers SB

Roberto Messina  
Chair – KTH SB



Suleman Khan  
Vice-Chair YP -



Auditor – Tatiana  
Andersson

Ahmad Usman  
Chair, Linköping SB

Member – Arne Alping  
Member – Samarth Deo  
Member - Viacheslav Izosimov  
Member - Margaretha Eriksson

Nomination and Appointment Committee Members

# Members by Chapters/AG

Society Name	Mar 2022	Mar 2023	Society Name	Mar 2022	Mar 2021
IEEE Young Professionals	486	499	IEEE Dielectrics and Electrical Insulation Society Membership	31	32
IEEE Communications Society Membership	210	212	IEEE Aerospace and Electronic Systems Society Membership	27	28
IEEE Computer Society Membership	173	181	IEEE Intelligent Transportation Systems Society Membership	33	28
IEEE Signal Processing Society Membership	124	132	IEEE Computational Intelligence Society Membership	25	26
IEEE Power & Energy Society Membership	131	129	IEEE Instrumentation and Measurement Society Membership	29	26
IEEE Microwave Theory and Techniques Society	117	103	IEEE Consultants Network Membership	23	27
IEEE Antennas and Propagation Society Membership	97	91	IEEE Systems, Man, and Cybernetics Society Membership	23	22
IEEE Control Systems Society Membership	81	90	IEEE Geoscience and Remote Sensing Society Membership	20	18
IEEE Robotics and Automation Society Membership	69	96	IEEE Electronics Packaging Society Membership	11	13
IEEE Industrial Electronics Society Membership	75	76	IEEE Education Society Membership	13	12
IEEE Solid-State Circuits Society Membership	67	63	IEEE Oceanic Engineering Society Membership	13	13
IEEE Vehicular Technology Society Membership	63	68	IEEE Nuclear and Plasma Sciences Society Membership	11	11
IEEE Power Electronics Society Membership	67	63	IEEE Magnetics Society Membership	20	12
IEEE Circuits and Systems Society Membership	45	49	IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society	11	11
IEEE Electromagnetic Compatibility Society Membership	46	47	IEEE Reliability Society Membership	14	11
IEEE Information Theory Society Membership	41	44	IEEE Society on Social Implications of Technology Membership	12	9
IEEE Electron Devices Society Membership	41	43	IEEE Consumer Technology Society Membership	4	4
IEEE Women in Engineering Membership	35	38	IEEE Technology and Engineering Management Society Membership	7	7
IEEE Photonics Society Membership	38	37	IEEE Professional Communication Society Membership	5	4
IEEE Engineering in Medicine and Biology Society	34	26	IEEE Product Safety Engineering Society Membership	1	2
IEEE Industry Applications Society Membership	37	32	IEEE Broadcast Technology Society Membership	0	1

# Award 2023





# Board Meetings FY2023

- ▶ Wednesdays 12-13 over Zoom
- ▶ April 12, May 17, June 14, Sep 6, Oct 11, Nov 15, Dec 13
- ▶ Reported via vTools
- ▶ Minutes available

## Section Chairs Congress – Ottawa (August 2023)



## Region 8 Meeting – Bucharest (April 2023)

Visited Dracula's castle!



# Planned Bylaws Update

- ▶ Change officer terms to two years as in R8 manual

# Section Goals

- ▶ Forming a Life Member Affinity Group
- ▶ More Student Branches (Uppsala, Luleå, Lund...?)
- ▶ Stronger Industry connections
- ▶ More volunteers to the Ex. Com

# Technical Lecture By IEEE Fellow Prof. Henrik Sandberg

- ▶ Given at AGM in March 2023
- ▶ "Secure networked control systems: Closing the loop over malicious networks".
- ▶ Personal page:  
<https://people.kth.se/~hsan/>



THANK  
YOU

The image features the words "THANK YOU" in large, white, 3D block letters. Each letter is suspended by a thin white string that passes through a small circular hole at the top of the letter. The letters are arranged in two rows: "THANK" on top and "YOU" below it. The background is a solid, vibrant orange. The lighting creates soft shadows on the orange surface, giving the letters a three-dimensional appearance. The strings hang at varying lengths, creating a slightly uneven, handcrafted look.

## IEEE Sweden Section before COVID





# Sweden Section

## *Facts*

- ▶ Approximately 2000 members as on date
  - Hence a large Section
- ▶ Has hosted several congresses, conferences and pan-Nordic events
- ▶ Usually known for benchmarking the quality of events
- ▶ Several awards (later slide) in the recent years
- ▶ Representatives from Sweden in key IEEE global committees

