



IEEE Sweden Young Professionals Affinity Group

Oksana Moryakova

PhD student, Linköping University

IEEE Sweden YP Chair

IEEE Sweden Student Activities Chair

Board Members



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PhD student
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Postdoctoral Researcher
Linköping University



Mohammad Ghaderzadeh

Embedded Software Developer
Volvo Cars

Members and Affiliates - Dashboard

This dashboard provides interactive views for members, society affiliates, and participants by region, geographic council, section and subsection.

- Refine data through filters or click within a visualization to view results and details.
- Hover over a visualization to display a tooltip with statistical facts.
- **Important:** Choose an OU from "Select OU of your Volunteer Role" filter to view customized results for your OU position.

Select OU of your Volunteer Role
Sweden Section Affinity Group, YP

Region
R8

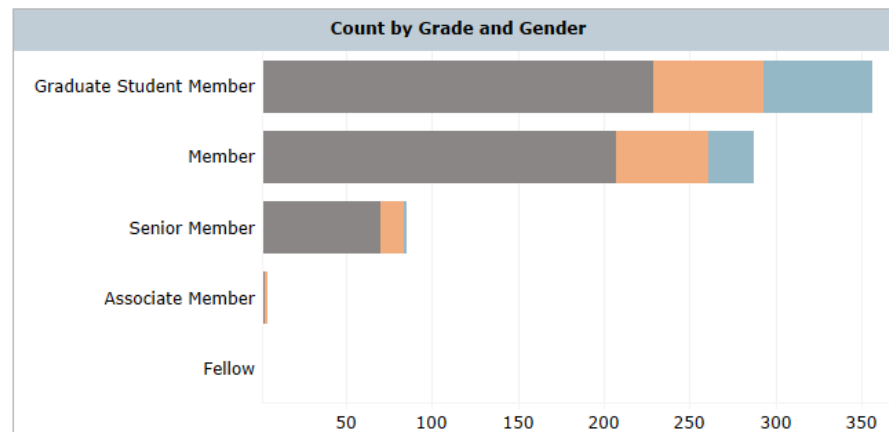
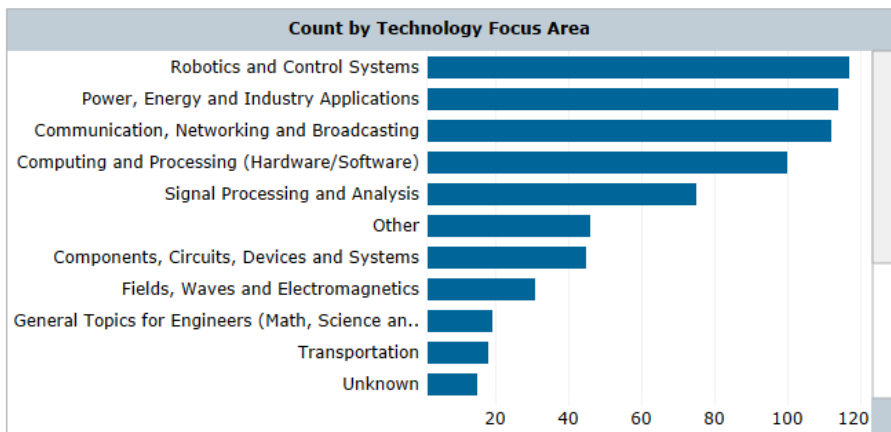
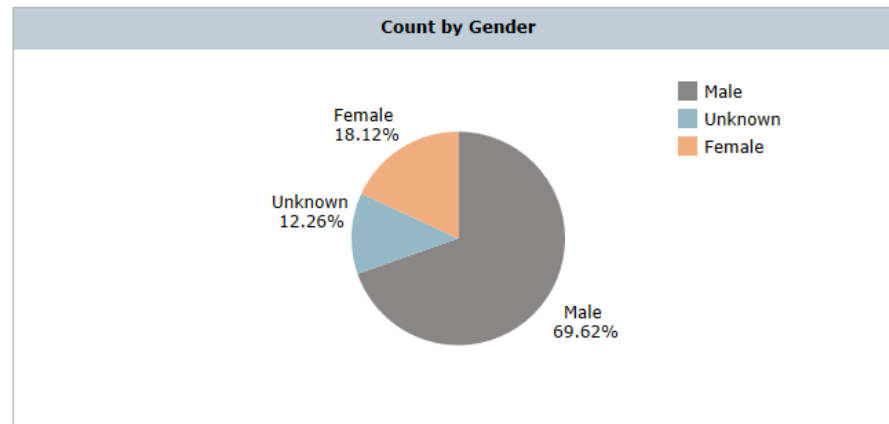
Section
Sweden Section

Grade
All

IEEE Status
Active

HKN Member
All

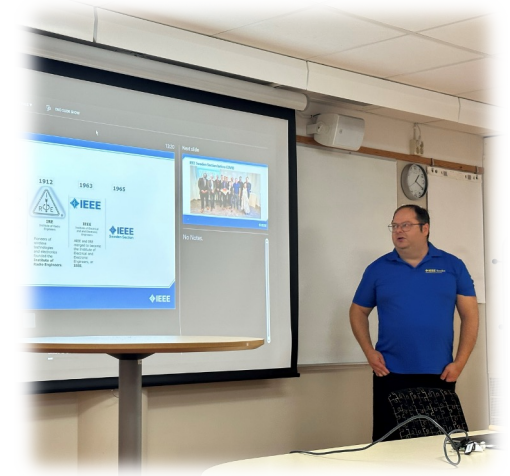
Count by Region and Grade					
Region	Council	Section	Grade Category	Grade	Total
R8	Region 8 - No Council	Sweden Section	IEEE Grades	Associate Member	4
				Fellow	2
				Graduate Student Member	356
				Member	287
				Senior Member	85
				Total	734
Total					734
Grand Total					734

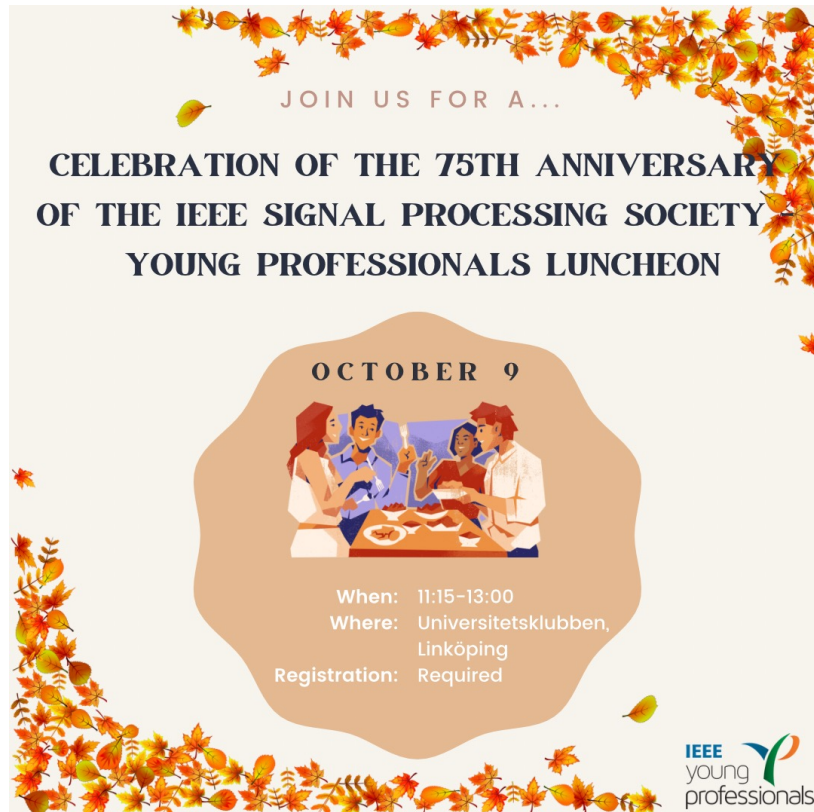


Note: Data displayed is based upon volunteer access privileges.
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IEEE PhD Fika at Linköping University

- In-person event
- 14 participants
- Collaboration with IEEE Linköping Student branch
- Used budget: 1800 SEK





Celebration of the 75th Anniversary of the IEEE Signal Processing Society - Young Professionals Luncheon

- October 9, 2023
- Hybrid event
- 16 participants (9 in person)
- Collaboration with IEEE SPS Chapter
- Used budget: 0 SEK (everything was sponsored by the SPS Chapter)

IEEE YP DISTINGUISHED LECTURE
**CELLULAR NETWORKS:
MODERN DESIGN AND
FUTURE LOOK**



ALEXEY SHAPIN **SPEAKER**
CU-CP SYSTEM ARCHITECTURE DEVELOPER,
ERICSSON

12 OCTOBER, 2023
LINKÖPING UNIVERSITY
C-HUSET, U1
13:15

IEEE
youngprofessionals.



IEEE YP Distinguished Lecture

- October 12, 2023
- Hybrid event
- 21 participants (17 in person)
- Collaboration with IEEE Linköping Student branch
- Used budget: 0 SEK



The Sweden Section comprises over 1700 members, including more than 350 students and 600 young professionals, predominantly in engineering and tech fields. Students majority hail from institutions like Chalmers University, Linköping University, and others, focusing on engineering and IT. Young professionals are involved in diverse sectors such as energy, robotics, communications, and computing.



IEEE Distinguished Lecture: Ready To Join the Cybersecurity Industry? What You Need To Know
 Torbjörn Andersson
 Linköping University
 May 17, 2024

This lecture offered essential guidance for those looking to start a career in cybersecurity, covering foundational skills, necessary certifications, and internships. It focused on the crucial steps and best practices for entering the cybersecurity field.

The Power and Energy Systems of the Future – Sustainable, Digitalized and...?
 Co-Sponsors: Digital Futures, Cigré Next Gen, Network
 KTH Royal Institute of Technology
 April 19, 2024

This hybrid event explored topics related to energy transition and digitalization, featuring international keynote speakers from both academia and industry. It reflected on the missions of CIGRE NGN and IEEE PES Women in Power (WiP), providing insights into future sustainable and digital energy systems.

National Supercomputer Centre Tour
 Linköping University, Campus Valla
 December 12, 2023

Organized by the IEEE Linköping Student Branch, this tour showcased the National Supercomputer Centre (NSC) at Linköping University, highlighting its role in providing cutting-edge high-performance computing resources to users across Sweden.

Seminar on Grid Capacity and Flexibility
 Peter Söderström, Vattenfall Distribution Sweden
 KTH Royal Institute of Technology
 November 5th

The seminar featured Peter Söderström from Vattenfall Distribution Sweden discussing key aspects of grid capacity and flexibility, addressing current challenges and solutions in the energy sector.

Cellular Networks: Modern Design and Future Look
 Alexey Shapin, Developer, Ericsson
 Linköping University, C-huset
 October 12, 2023

Alexey Shapin explored the evolution of cellular networks from 1G to 5G, highlighting the technological advancements driven by increased data demands and innovations in areas such as energy efficiency, low-latency, and reliability. The talk provided insights into the building blocks of modern 5G networks, including key technologies and protocols, and discussed the potential future developments beyond 5G.

Celebration of the 75th Anniversary of the IEEE Signal Processing Society – Young Professionals Luncheon
 Universitetsklubben in Linköping
 October 09, 2023

The luncheon provided an opportunity for Young Professionals to unwind and engage in discussions about careers, entrepreneurship, and opportunities in a casual setting. The event also celebrated the 75th anniversary of the IEEE Signal Processing Society and featured a panel discussion from the IEEE ICIP conference.

AI HackTrack
 Zenit, Linköping University
 September 29, 2023

The AI HackTrack at Linköping University brought together student teams to develop innovative AI solutions within a 9-hour challenge. Participants ranged from beginners to experienced coders, providing a platform for learning, collaboration, and competition. The event concluded with impressive final presentations, and winners received certificates and gifts from MathWorks and IEEE.

Introduction to IEEE for PhD Students
 Linköping University, E-huset, Alan Turing
 September 20, 2023

The event featured talks by IEEE Sweden Section Chair, Andrei Gurtov, on IEEE opportunities, and doctoral student representative, Rina Blomberg, on overcoming PhD challenges. A Q&A session followed, allowing interaction on topics relevant to IEEE and PhD studies.

IEEE Workshop on Machine Learning using MATLAB
 Oksana Moryakova, Yamha Javid
 Linköping University
 April 19, 2023

The workshop attracted around 50 students and included a hands-on session on building machine learning algorithms with MATLAB. Participants who completed the course received MATLAB merchandise.

Women and Leadership: A Perfect Match
 Margaretha A K Eriksson, IEEE Region 8 Past Director
 KTH Royal Institute of Technology
 March 8, 2023

This lecture offered essential guidance for those looking to start a career in cybersecurity, covering foundational skills, necessary certifications, and internships. It focused on the crucial steps and best practices for entering the cybersecurity field.

Gurjot Singh Gaba, Young Professional, Senior and Executive Member, IEEE Sweden Section

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Participation in Region 8 Students and Young Professional Congress in Grenoble, France

- 15-19 July, 2024
- In-person event
- YP Sweden Section poster presentation by Gurjot Singh Gaba



IEEE Distinguished Lecture: Ready To Join the Cybersecurity Industry? What You Need To Know

- Postponed to late November – early December
- In-person event + online streaming via Zoom
- Expected number of participants: 35-40
- Collaboration with IEEE Linköping Student branch and MathWorks
- Planned budget: 2000 SEK

Speaker
TORBJÖRN ANDERSSON
Senior Security Professional
CISSP, CCSP, CISM, CEH, CIPP/E
www.torbjorn-andersson.se

B-huset
Campus Valla

**READY TO JOIN THE
CYBERSECURITY INDUSTRY?**

For a career jumpstart, join Torbjörn Andersson's lunch lecture: Essential insights on skills, certifications, and internships to launch your journey.

 IEEE
LINKÖPING
STUDENT BRANCH

 MathWorks

 IEEE
youngprofessionals

Registrations Open, Limited Availability

Study Visit for Students to the Ericsson Office in Linköping



- Planned for early December
- In-person event
- Expected number of participants: 25
- Collaboration with IEEE Linköping Student branch
- Planned budget: 2500 SEK