



IEEE PES/PELS Jt Chapter

Chapter Chair Workshop 2024

October 2024

Board Election

Here is the “new” 2024 Board!

- Voter turn-out: **49/201 (24%) !!**
- Significantly higher than 2023: **35/203 (17%)**

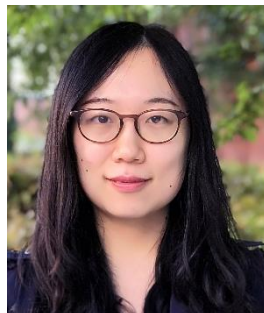
Re-elected members

Chair



Ambra Sannino
Vice President R&D
Vattenfall

Vice Chair



Qianwen Xu
Assistant Professor
Royal Inst of Tech

Treasurer



Sarah Rönnerberg
Professor
Luleå Univ of Tech

Secretary



Fran Marquez
Senior Lecturer
Lund University

Membership
Development



Johanna Rosenlind
Swedish Defence
Research Agency

Webmaster



Daniel Johannesson
Scientist
Hitachi Energy

Sister organizations

STB @ KTH, Women in Power

- New student branch chair:
Ali El Mohajer, M.Sc. Student @ KTH
- WiP Sweden: Marina Oluic, Svk
marina.oluic@ieee.org
- Possibly new STB at Lund?

IEEE Power & Energy Society

Women
in Power

New STB Chair



Ali El Mohajer
MSc student
KTH



Dr. Marina Oluic
Power System Specialist
Svenska kraftnät

Our Membership

Select OU of your Volunteer Role
Sweden Section Jt. Chapter, PE31/PEL35

Region
All

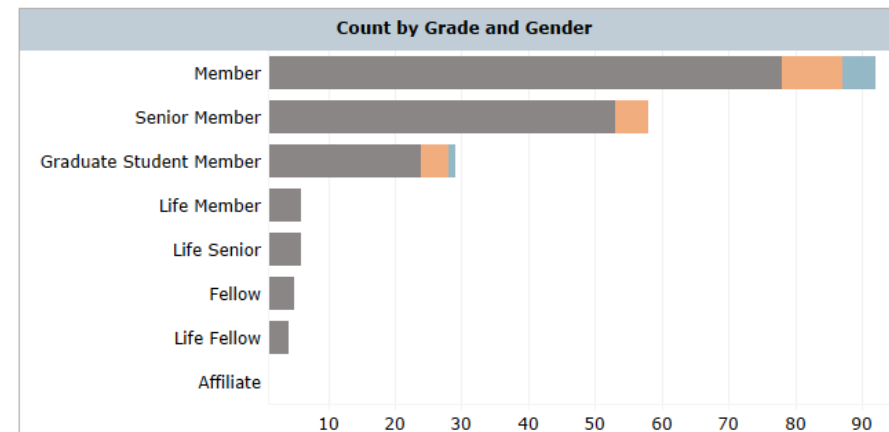
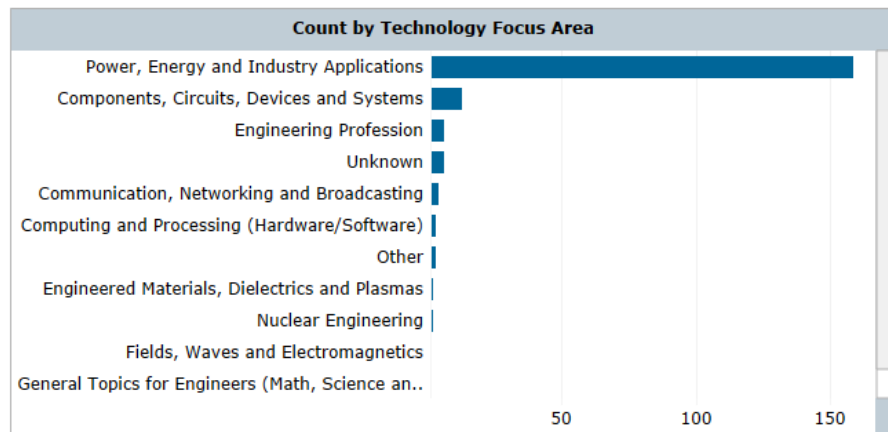
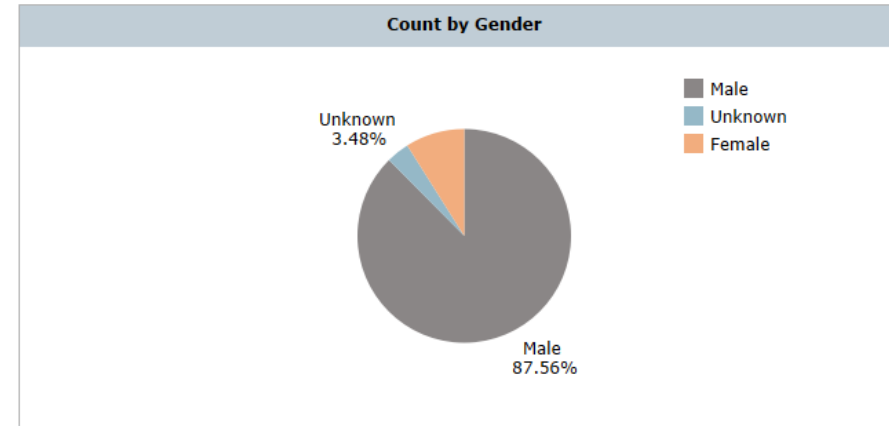
Section
All

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	Fellow	5	
				Graduate Student Member	29	
				Life Fellow	4	
				Life Member	6	
				Life Senior	6	
				Member	92	
				Senior Member	58	
				Total	200	
				Other Grades	Affiliate	1
				Total	201	
Total					201	



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Activities 2024

March-April

- Annual meeting, March
- Including presentation of MSc awards
- 3 theses were awarded
- WiP seminar, April

Welcome!

 Wednesday
 February 21st 2024,
 15:30-17:00 CET

Hybrid event at
 KTH and on Zoom

Registration
 by February 18th
 in vTools

Open to IEEE
 members and non-
 members alike

Contact:
ambra.sannino@ieee.org



Annual Meeting IEEE PES/PELS Sweden Chapter

Join us to listen to:

- Updates from the board
- Results of the board election
- M.Sc. thesis award 2023
- Upcoming activities 2024



Keynote Speech:

*"High Power Converters for
 the Energy Transition:
 a journey from Past to
 Present and Beyond"*

by **Dr. Alireza Nami,**
 Research Centre
 Manager,
 Hitachi Energy

For more information: <http://sites.ieee.org/sweden/pepel-chapter/>



Date: 19 April 2024
 Time: 13-15 CEST
 Place: KTH and online
 Contact: Marina Oluic
 (marina.oluic@ieee.org)



More info and registration by <https://www.digitalfutures.kth.se/event/the-power-energy-systems-of-the-future-sustainable-digitalized-and/>

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IEEE PES WiP Sweden &
 CIGRE NGN Sweden/UK/Ireland

jointly invite to a **digital futures** event entitled:

"The power and energy systems of the future—sustainable, digitalized and...?"
 with keynote speeches by:



Olamide Jogunola

Lecturer in Cyber Security and Smart Grids
 at Manchester Metropolitan University



Louise O'Flanagan

Head of Engineering & Asset Management
 at the Irish TSO EirGrid



Robert Eriksson

Professor at Uppsala University
 and Power System Specialist at
 the Swedish TSO Svenska kraftnät



Lars Nordström

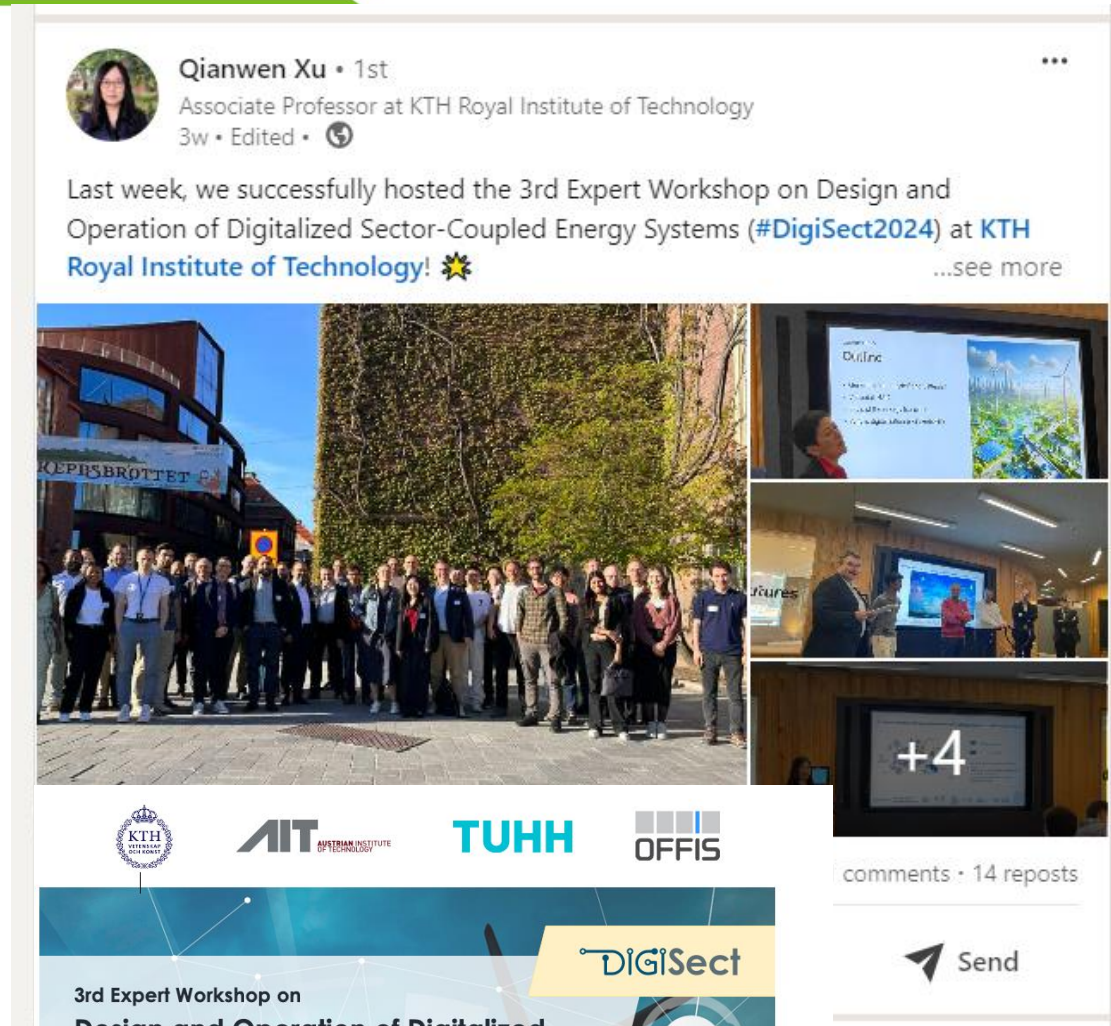
Professor & Head of the Electric Power and
 Energy Systems Division at KTH and Expert
 at the Swedish TSO Svenska kraftnät

*This event is co-sponsored by Digital Futures. (www.digitalfutures.kth.se)

Activities 2024

Workshop DigiSect @KTH

- DigiSect workshop arranged by PES/PELS vice-chair Qianwen
- Several sponsors including IEEE PES/PELS Sweden and IEEE PES Austria
- Ca 70-80 participants
- Keynote speech by PES/PELS chair Ambra



3rd Expert Workshop on Design and Operation of Digitalized Sector-Coupled Energy Systems (DigiSect 2024) on 16-17 May

Activities 2024

Workshop @KTH, June 19-20th

IEEE Workshop on High-Power Electronics for Decarbonizing Energy Grids, chaired by Prof. Xiongfei Wang, was successfully held on June 19-20, 2024, at KTH with more than 150 people in attendance.

President-elect Johan Enslin took the opportunity to recognize **PELS Day** and highlight the benefits and value of the IEEE PEELS membership.

In conjunction with the event, a distinguished lecture on “Control and Protection of Multi-Terminal DC Grids” was held on Tuesday, June 18 by Prof. Maryam Saeedifard, from Georgia Institute of Technology.



Date and time:
Tuesday
June 18th, 2024,
15:00-16:00 CET

Place: Hybrid Event
at KTH Campus
and on Zoom

Registration:
by June 16th
in vTools

Contact: Xiaonan Gao
xiaonan@kth.se



Welcome to
IEEE Distinguished Lecture

“Control and Protection of
Multi-Terminal DC Grids”

Prof. Maryam
Saeedifard,
School of Electrical
and Computer
Engineering,
Georgia Institute
of Technology



For more information: <http://sites.ieee.org/sweden/pepel-chapter/>



Activities 2024

Tech seminars, Sept



on Zoom

Registration:
[https://events.vtools.
.ieee.org/m/432154](https://events.vtools.ieee.org/m/432154)

Contact: Qianwen Xu
qianwenx@kth.se



Welcome to IEEE Seminar

*Key research aspects of green
hydrogen production*
by Prof. Antti Kosonen, Lappeenranta
University of Technology (LUT), Finland

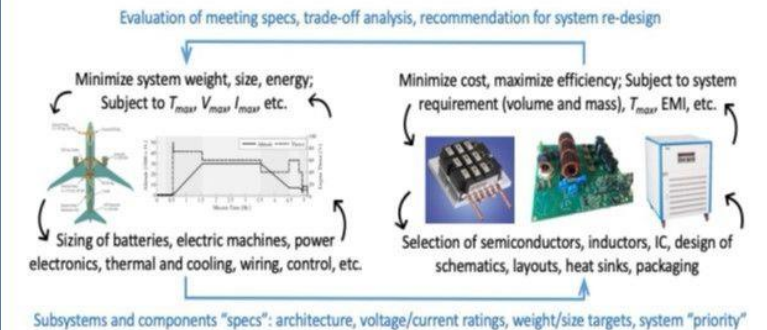
For more information: <http://sites.ieee.org/sweden/pepel-chapter/>

Date and time:
Monday
Sep 16th 2024,
15:00-16:00 CET

Place: Hybrid Event
at KTH Campus and
on Zoom

Registration:
[https://events.vtools.
.ieee.org/m/433492](https://events.vtools.ieee.org/m/433492)

Contact: Qianwen Xu
qianwenx@kth.se



Welcome to IEEE Seminar

*Future Energy Challenge in Power
Electronics Enabled Systems of
Systems*
by Yue Cao, Associate Professor, Oregon
State University, U.S.

For more information: <http://sites.ieee.org/sweden/pepel-chapter/>

Activities 2024

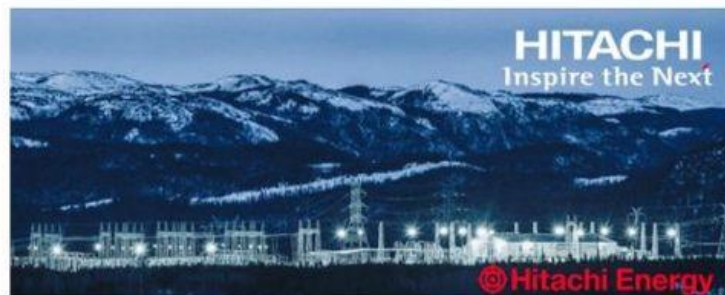
Tech seminars, Sept-Oct

Date and time:
Monday
September 23rd, 2024,
15:00-17:00 CET

Place: Hitachi Energy
Meeting Point,
Mäster Ahls gata 16,
721 82 Västerås
and in Teams

Registration:
by Sept 16th
in vTools

Contact: Johanna Rosenlind
johanna.rosenlind@foi.se



Welcome to
IEEE Technical Seminar on
**“Energy Storage and Grid-Forming Control
in Future Power Grids”**
by Dr. Ali Tayyebi and Dr. Shih-Feng Chou,
Scientists at Hitachi Energy Research

Followed by
Senior Membership Elevation Event
(in-person only)

Pls indicate if you will only attend the technical seminar,
or are also interested in the senior member elevation event.
For more information: <http://sites.ieee.org/sweden/pepel-chapter/>

Date and time:
Friday
Oct 4th 2024,
15:15-17:00 CET

Place: Hybrid Event
at KTH Campus and
on Zoom

Registration: [https://
events.vtools.ieee.or
g/m/434298](https://events.vtools.ieee.org/m/434298)

Contact: Qianwen Xu
qianwenx@kth.se



Welcome to IEEE Seminar
*Future energy system with focus on
grids in distribution and wind power*
by *Fredrik Carlsson, R&D portfolio
manager, Distribution, Vattenfall*
*Catalina Buitrago, R&D Power Systems
Engineer, Vattenfall*

For more information: <http://sites.ieee.org/sweden/pepel-chapter/>

Other key items and remarks

- Awarded the High Performance Chapter Award – again – 580\$
- Great success of the Senior Member Elevation event, at least 10 applications / nominations initiated, in the pipeline !
- Technical visit for students in the KTH STB to Vattenfall R&D laboratories – very much appreciated

Upcoming:

2024

- Launch process for PhD thesis and MSc thesis awards
- Launch election for the board → at least 2 people leaving office
- Potentially one event in the DEI week, Dec 2-6
- Introduce OEA/OVA – if we can make it!

2025

- Apply for Outstanding Chapter Award → asking for support from the Section
- Seminar series “Voice of the TSO” to be planned and launched
- Keep at least the same level of activities!

AOB

Any Questions?