



IEEE Joint Chapter Power & Energy Society and Power Electronics Society

Sweden Section

Qianwen Xu, Vice chair

IEEE PES/PELS Sweden

Here is the 2023 Board!

New elected member

Membership Development



Johanna Rosenlind
Swedish Defence
Research Agency

New appointed member

Student Activities



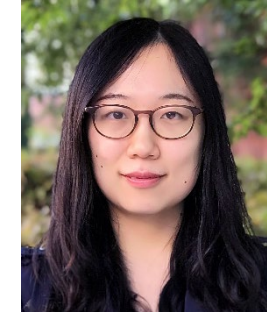
Roberto Messina
MSc student
Royal Inst of Tech

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

Webmaster

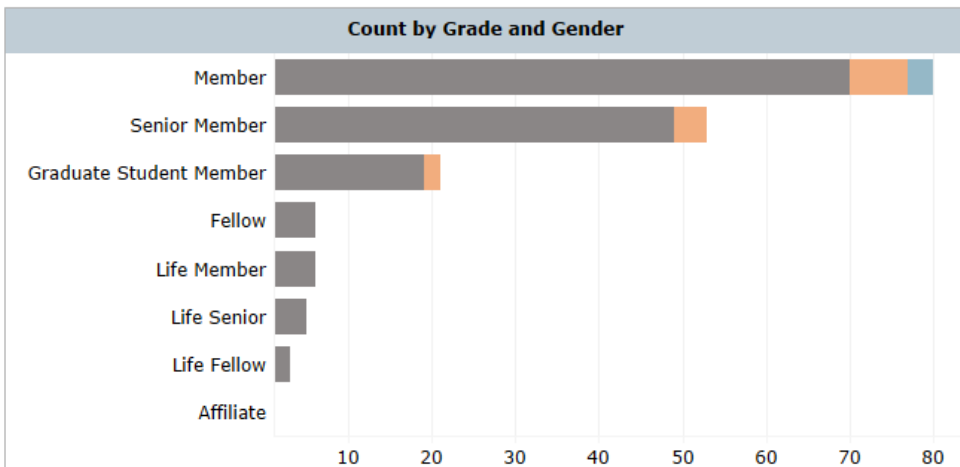
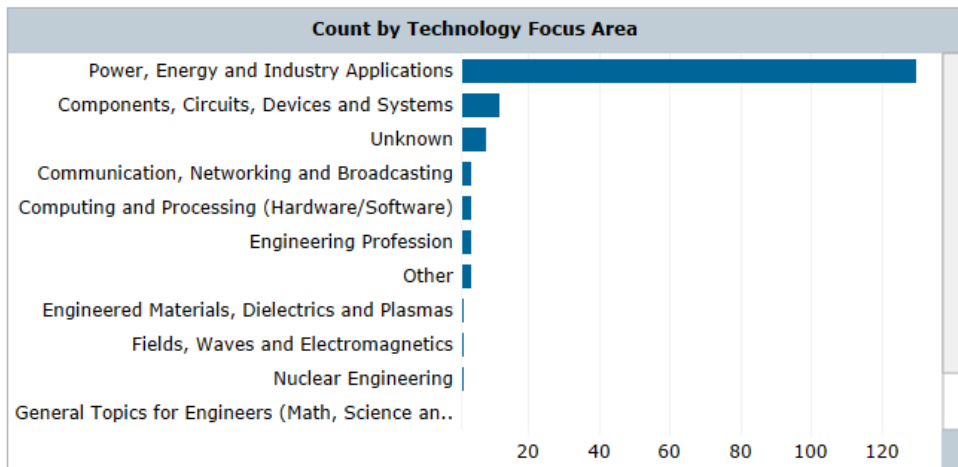
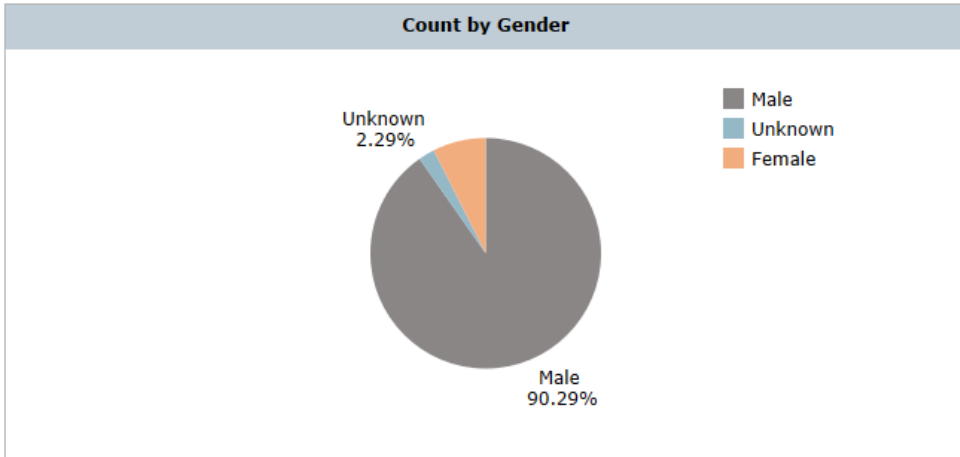


Daniel Johannesson
Scientist
Hitachi Energy

Re-elected members

Our Membership

Count by Region and Grade					
Region	Council	Section	Grade Category	Grade	Total
R8	Region 8 - No Council	Sweden Section	IEEE Grades	Fellow	6
				Graduate Student Member	21
				Life Fellow	3
				Life Member	6
				Life Senior	5
				Member	80
				Senior Member	53
				Total	174
			Other Grades	Affiliate	1
				Total	1
		Total	175		
	Total		175		
Total			175		



Note: Data displayed is based upon volunteer access privileges.
Data made available through this platform is IEEE Confidential Information. Please review the [IEEE Guide to Classification of Documents policy](#) for more information.

Activities in 2023

M.Sc. Thesis award

- The award is intended to support MSc students involved in Power and Energy & Power Electronics area in Swedish Universities.
- The award was presented to the recipient **Kalle Bjurek & Victor Hagman** at the Annual Meeting

MSc thesis award

MSc thesis award

- Eligible are MSc thesis examined by a Swedish University in 2022
- By application from the students themselves
- The topic shall be within the area of interest of PES or PELS
- Open to all students, non-IEEE members can also apply
- Applications to be submitted by January 20th to Roberto Carmelo Messina rcme@kth.se and Qianwen Xu qianwenx@kth.se
- A reward of 2000 SEK will be given – details to be announced



IEEE PES/PELS Sweden Jt Chapter Award for Best MSc Thesis

Presented to

Kalle Bjurek & Victor Hagman

for the M.Sc. thesis

“Vehicle-to-Everything Optimization Considering
Battery Degradation”

Presented at Chalmers University

IEEE Power & Energy Society
IEEE Power Electronics Society
2023



Ambra Sannino
Chair, PES/PELS Sweden Jt Chapter

Activities in 2023

PhD. Thesis award

- The award is intended to support PhD students involved in Power and Energy & Power Electronics area in Swedish Universities.
- The award was presented to the recipient Dr. **Zeyang Geng**.

PhD thesis award

- Bi-annual award to the best PhD thesis
 - The PhD thesis shall be nominated by the supervisor
 - The PhD thesis shall be published in the past 2 years (2021-22)
 - The topic shall be within the area of interest of PES or PELS
 - The PhD student shall be an IEEE member at the time of applying
 - Nomination to be submitted by January 20th to:
Qianwen Xu qianwenxu@kth.se, Ambra Sannino
ambra.sannino@ieee.org
 - A reward of 5000 SEK will be given – details to be announced



Recap-Activities in 2023

- March 16, 2023
 - Annual meeting
 - “Grid forming converters” by Prof. Xiongfei Wang, KTH
 - Best Msc Award
 - Best PhD award

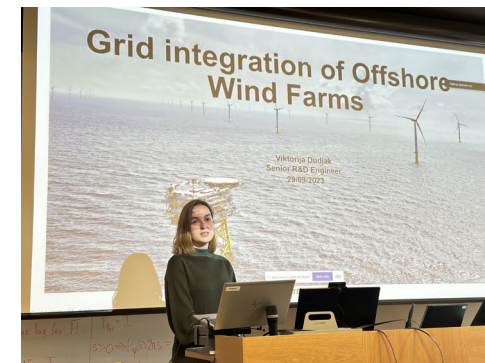
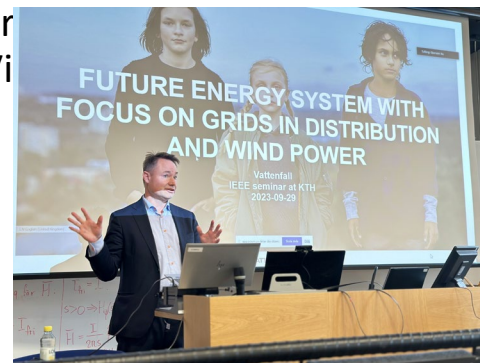
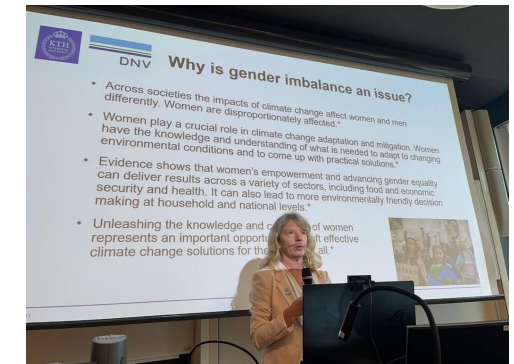
Over 60 participants

- Sep 1, 2023
 - IEEE Seminar on Career paths in the energy sector in transition, by Sonja Berlijn, Business Director, DNV, and Professor, KTH, and Ambra Sannino, Vice President R&D, Vattenfall and chair of IEEE PES/PELS Sweden.

Over 60 participants

- Sep 29, 2023
 - IEEE Seminar on Future energy system with focus on grids in distribution and wind power by Dr. Fredrik Carlsson, portfolio manager, Distribution, Vattenfall and Viktorija Dudjak, Senior R&D Engineer, Vattenfall

Over 80 participants.



Coming activities in 2023

- Nov, 2023 (date TBD)
 - IEEE Seminar on Electrified Hydrogen Systems Challenges and Opportunities, by Sjoerd Bosga, ABB senior principle scientist
- Dec, 2023
 - IEEE Seminar on transportation electrification, by expert from Volvo or Scania. (TBD)

**More activities
are coming** 😊

<https://r8.ieee.org/sweden/pepel-chapter/>

AOB

Any Questions?