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

Re-elected members
- Chair
  - Ambra Sannino
    Vice President, R&D
    Vattenfall
- Vice Chair
  - Qianwen Xu
    Assistant Professor
    Royal Inst of Tech
- Treasurer
  - Sarah Rönnberg
    Professor
    Assistant Professor
    Luleå Univ of Tech

- Secretary
  - Fran Marquez
    Senior Lecturer
    Lund University

- Webmaster
  - Daniel Johannesson
    Scientist
    Hitachi Energy
## Our Membership

### Count by Region and Grade

<table>
<thead>
<tr>
<th>Region</th>
<th>Council</th>
<th>Section</th>
<th>Grade Category</th>
<th>Grade</th>
<th>Total</th>
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<td>Sweden Section</td>
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</table>

### Count by Gender

- Male: 90.20%
- Female: 0.00%
- Unknown: 2.29%

### Count by Technology Focus Area

- Power, Energy and Industry Applications: 175
- Components, Circuits, Devices and Systems: 175
- Unknown: 175
- Communication, Networking and Broadcasting: 175
- Computing and Processing (Hardware/Software): 175
- Engineering Profession: 175
- Other: 175
- Engineered Materials, Dielectrics and Plasmas: 175
- Fields, Waves and Electromagnetics: 175
- Nuclear Engineering: 175
- General Topics for Engineers (Math, Science an..: 175

### Count by Grade and Gender

- Member
- Senior Member
- Graduate Student Member
- Fellow
- Life Member
- Life Senior
- Life Fellow
- Affiliate

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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

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**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 rmessina@kth.se and Qianwen Xu qianwenx@kth.se
- A reward of 2000 SEK will be given – details to be announced
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.
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, R&D 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)

https://r8.ieee.org/sweden/pepel-chapter/
AOB

Any Questions?