



# Benefits of joining the IEEE Power and Energy Society

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Angeliki Loukatou

Organised by:



**The IEEE PES  
Student Branch**

The University of Manchester



# Who we are

- Currently 8 members from both industry and academia



Power and Energy Chapter

## Chapter Committee

- Chair: **Dr Panagiotis Papadopoulos**, University of Strathclyde
- Vice Chair: **Jianing Li**, University of Birmingham
- Treasurer: **Dr Bo Jiang**, RINA
- Secretary & Communications Officer: **Eduardo Audiche**, Industrial Electrical Services (IES)
- Women in Engineering: **Jelena Ponocko**, University of Manchester
- Membership Development: **Angeliki (Kelly) Loukatou**, Energy Systems Catapult
- Volunteer: **Dr Alexandru Nechifor**, Barclays
- Volunteer: **Kris Szajdzicki**, ND Metering Solutions
- Past Chair: **Dr Ivan Castro Leon**, Levelise

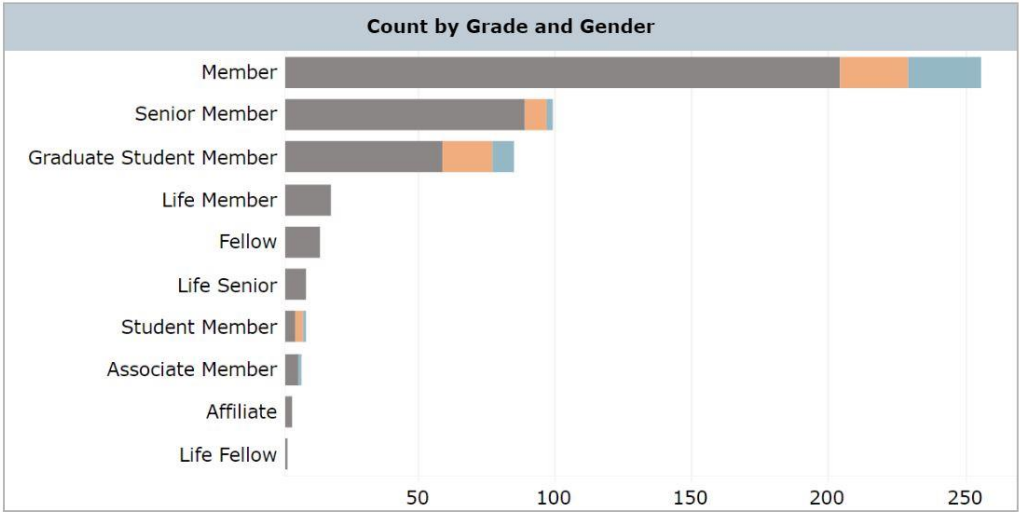
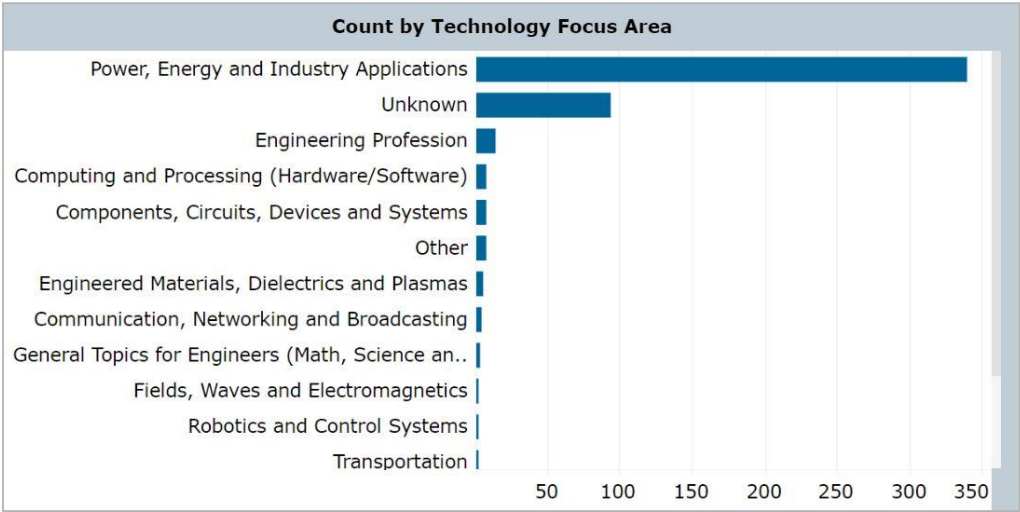
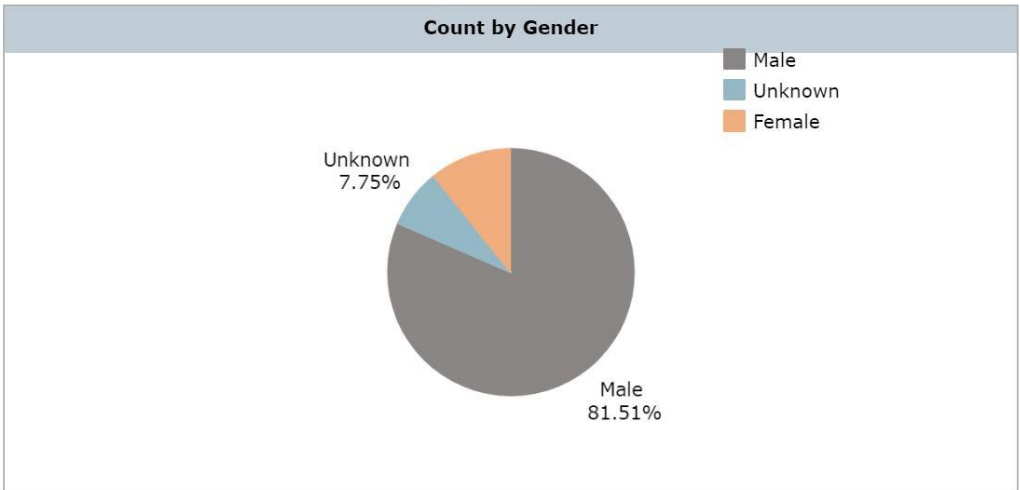
# Benefit of Joining PES

- Engaging 38,000 members
- Free subscriptions to PES magazines
- Free access to the PES Resource Center
- Free membership in your local PES chapter
- Discounts to technical conferences
- Discounts to tutorials and webinars
- Benefits through engaging in Student branch Chapters and PES event organisation



# Current PES status

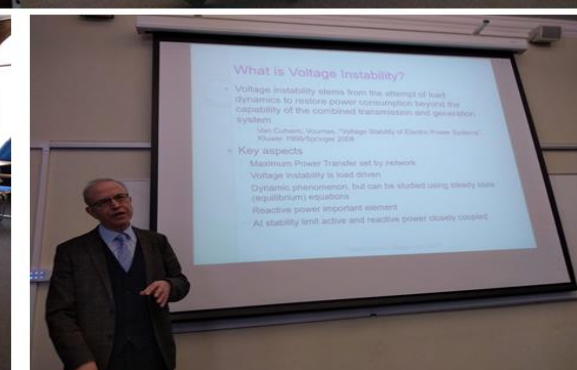
Count by Region and Grade					
Region	Council	Section	Grade Category	Grade	Total
R8	Region 8 - No Council	Turkey Section	IEEE Grades	Graduate Student Member	1
			Total		1
		United Kingdom and Ireland Section	IEEE Grades	Associate Member	7
				Fellow	14
				Graduate Student Member	84
				Life Fellow	2
				Life Member	18
				Life Senior	9
				Member	256
				Senior Member	99
				Student Member	9
				Other Grades	4
				Affiliate	
				Total	502





# Distinguished Lecture Programme

Intelligent control of distributed energy sources, regulatory challenges, electricity markets, energy storage..





# Technical events

## Manchester Energy and Electrical Power Systems (MEEPS) Workshop





# Women in Engineering

Promote and sustain women in (power) engineering, address work-life balance issues, challenges when transitioning from academia to industry, gender gaps etc.



**I power remote areas!**

"I teach future engineers and my research designs smart sustainable solutions for electrification of rural and remote areas."

Advice to girls interested in technology:  
"Follow your dreams. There is no limit to what you can do and achieve. Find good role models."

Jane Namaganda-Kyimba | PhD Researcher in Electrical Engineering

**Towards sustainable power networks!**

"I use stochastic control theory to find optimal operational strategies and business cases for wind farms co-located with battery storage."

Advice to girls interested in technology:  
"Invest your time in raising questions. Be ready to challenge everything."

Angeliki Loukatou | PhD Researcher in Power Networks

**For a clean and sustainable world!**

"I study electrical energy storage systems for integration of renewable energy and clean vehicles."

Advice to girls interested in technology:  
"Science and Engineering are fun!"

Siwei Liu | PhD Researcher in Electrical Energy Systems

## I Change the World. I am an Engineer.

**Towards smart grids!**

"I simulate behaviours of composite power systems to enhance their reliability and promote overall efficiency."

Advice to girls interested in technology:  
"A long journey begins with one step"

Yushi Chen | PhD Researcher in Energy and Power Systems

**I research multi-energy systems.**

"My research aims to use control theories to improve the robustness and adaptability of future energy systems."

Advice to girls interested in technology:  
"Find a way or create a way – do not create an excuse"

Anita Allu | PhD Researcher in Control Systems

**I integrate renewable sources into the grid.**

"I run simulations to test renewable energy sources in the current electric grid to allow them to participate more in future smart grids."

Advice to girls interested in technology:  
"Identify your priorities and trust in yourself"

Melike Selen Ayaz | PhD Researcher in Energy and Power Systems



Read more about women in engineering at  
[www.ieee-ukandireland.org/women](http://www.ieee-ukandireland.org/women)  
Poster sponsored by IEEE UKI Women in Engineering



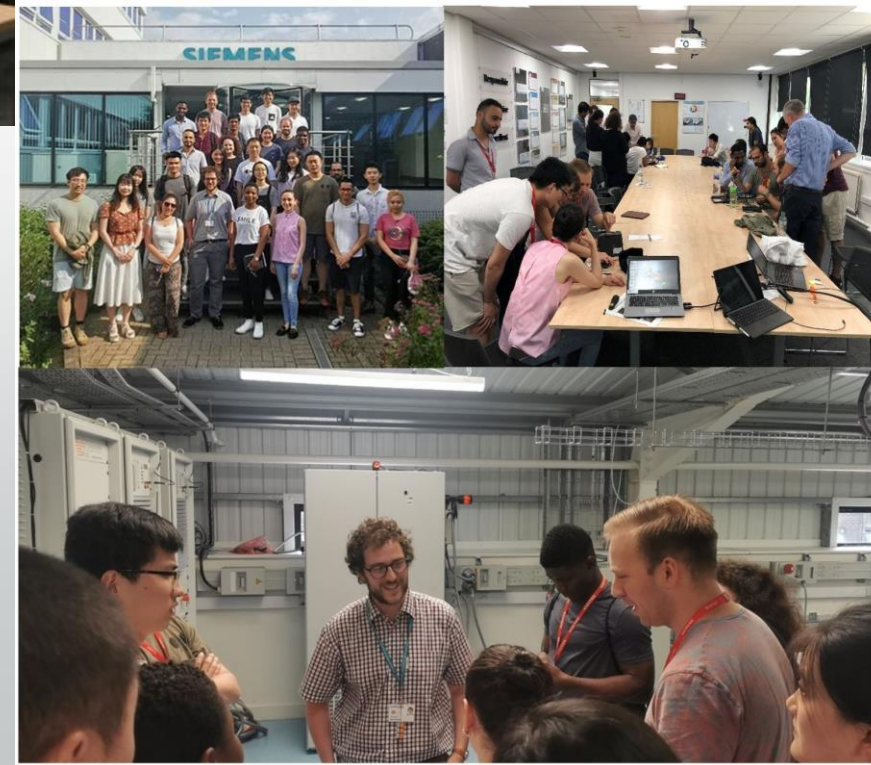
**IEEE Women in Engineering**  
IEEE WIE is the largest international professional organisation dedicated to promoting women engineers and scientists.  
Write to us at: [women@ieee.org](mailto:women@ieee.org)





# Other events


Technical visits to power engineering companies / wind farms, seminars on how to write an effective literature review, how to publish with IEEE..





# Student Branch Chapters

Contact details:




**The IEEE PES  
Student Branch Chapter**  
The University of Manchester

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Congratulations! IEEE PES SBC success! 14th October 2019

MEEPS Abstract Submission Extended to 11 October 10th October 2019

LATEST NEWS 10th October 2019

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&  
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# Further Information

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- <https://www.ieee-pes.org/about-pes/member-benefits>
- <https://www.ieee-pes.org/pes-video-series-new-videos-now-online>
- <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9007806>
- <https://www.ieee-pes.org/make-the-most-of-your-pes-membership>

## How to join:

<https://www.ieee.org/membership-catalog/productdetail/showProductDetailPage.html?product=MEMPE031&refProd=MEMPE031>

(First year of PES membership is **free** for registered IEEE student members)





# Thank you!

**Angeliki Loukatou**

LinkedIn: <https://www.linkedin.com/in/angeliki-l/>

Email: [angeliki.loukatou@gmail.com](mailto:angeliki.loukatou@gmail.com)