

Women in IES Workshop @ETFA 2021
Tuesday, Sept. 7, 2021

This event is to foster the women involvement in scientific and technical activities, but it is not intended for women only. Professionals and students, independently of the gender, are welcome to network in a relaxed atmosphere.

13.30-13.40 Welcome and Introduction to the Women in IES initiative

Prof. Lucia Lo Bello, University of Catania, Italy, *IES representative for Women in Engineering*

13.40-14.00: Invited Speech

Professor Silvia Mastellone, University of Applied Science Northwestern Switzerland

Title: *"power conversion and energy systems – the spicy design is done by female"*

Chair: Regina Roos

14.00-14.20: Invited Speech

Dr. Dr Debora Santo, Typhoon-HIL, Serbia

Title: *"How to fit in as a non-engineer woman into engineer fields"*

Chair: Regina Roos

14.20-14.40 Invited Speech

Julia Moeller, SAP, Germany

Title: *"From Oilfield to IT – life as a woman in Engineering"*

Chair: Regina Roos

14.40-15.00 Invited Speech

Elin Svanström, Electrification Hub, Sweden

Title: *"accelerating sustainability innovations through co-creation and collaboration"*

Chair: Jessica Bruch

15.00-15.15 break

15.15-15.35 Invited Speech

Dr. Regina Roos, Typhoon-HIL GmbH

Title: *"Culture eats Strategy for breakfast and female leadership is the spice for lunch"*

Chair: Jessica Bruch

15.35-15.55 Invited Speech

Dhanashree Ganeshpure, the Delft University of Technology, the Netherlands

Title: *"Impact of culture on women's participation in Engineering"*

Chair: Jessica Bruch

15.55-16.00: Closing

Event registration

If you are not registered for ETFA 2021, but you wish to attend the Women in IES Workshop, please register by sending an email to the Contact person indicated below.

Contact

Prof. Lucia Lo Bello, IES WiE representative. Email: lobello [at] unict.it



Silvia Mastellone, FHNW, CH

Silvia Mastellone is Professor for Control and Signal Processing at the University of Applied Science Northwestern Switzerland. She obtained her PhD degree in Systems and Entrepreneurial Engineering from the University of Illinois at Urbana-Champaign in 2008. From 2008 to 2016 she was Principal Scientist at ABB Corporate Research Center in Switzerland, where she led research projects in the area of advanced control for energy systems.

Her research interests include decentralized control and estimation and networked control systems, with applications in power conversion and energy systems. She is a member of the IFAC Industry Executive Committee and a member of the advisory board for the multiutility IBB.



Debora Santo, Typhoon-HIL , Serbia

Debora Santo received a PhD degree from the Polytechnic University of Marche and currently works as a Business developer at Typhoon HIL. She is an advocate of the benefits in using Controller Hardware-in-the-Loop (C-HIL) simulation solutions in power electronics, transportation systems, microgrids, and distribution networks.

Geographically, she is dedicated to supporting the C-HIL research and development activities within the European academic and industrial communities with a laser-focus on Italian academia in particular.



Julia Moeller, SAP . Germany

After completing a B.Sc. in Chemical Engineering and a M.Sc. in Petroleum Engineering, Julia spent several years in the upstream oil and gas sector including Field Engineering in the U.S., Argentina and Norway for Schlumberger. She primarily held interface positions between the company and the client in Technical Services. After moving to Downstream Oil and Gas working for ARVOS | Schmidtsche Schack she established a strategy to build and develop the service line in a newly created After Sales Department as Head of After Market in Germany.

As a "Director Digital Solutions and Services", Julia supported and promoted the digitalization of equipment internationally on conferences and at clients' sites and provided a new solution for them to gain more insights on machinery and related "health" status. By implementing this predictive maintenance solution, for ordering new machines or as retrofit, it allowed clients to save a significant amount of related costs and up to 75% downtime for maintenance work.

Today she is working as Senior Product Specialist for SAP, advising clients from Process Industry to Discrete Manufacturing on solutions, which help to increase efficiency, safety and flexibility of production processes along the entire Supply Chain



Elin Svanström: Process Leader - Electrification Hub,

Elin is passionate about accelerating sustainability innovations through co-creation and collaboration. Currently she is leading the development of the Electrification Hub. Through the Hub it is intend to develop innovations and knowledge to drive electromobility and the transformation towards a fossil free society . This can be done by collaboration and co-creation with the industry, organizations and academia.



Regina Roos , Typhoon-HIL

Regina Roos joint Typhoon-HIL GmbH in 2020 , an organisation in the power electronic sector which focus on Digital Twin and HIL Solutions.

Her strength is bold transformation of business opportunities in profitable revenues.

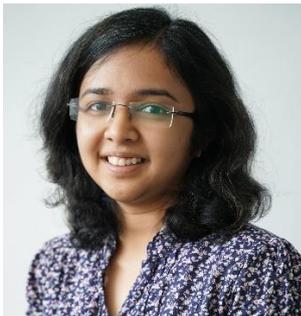
She challenges innovation with customers and within her organization. She is presently managing two start-ups in the sector Mobility and Streaming Concepts .

Prior, Regina Roos worked for Schneider Electric as Vice President, Segment Leader East Asia Pacific for the Mineral, Mining and Metals business . Her role had a strong focus on Digitalization and embracing change by working through co-creation of value with partners.

During her career at ABB, she lived in various countries in Asia and Australia. She led the Global Account Management implementation program. She owned the major Mining Company BHP in this capacity. During various assignments at ABB, she restructured Sales Organisations and built up high-performing sales teams.

She has spent her entire career in International Assignments after graduation at DHBW as Master Electrical Engineering. She enhanced her expertise with completing an MBA at the Business School INSEAD in France and Singapore. In 2014, she qualified at INSEAD for Board Positions. In 2020 she decided to upgrade her experience with the Swiss-Asia MBA at the FHNW in Switzerland.

She is IEEE Senior Member and holds a Seat at the Queensland Government Safety Committee in Australia.



Dhanashree Ganeshpure, KEMA, Netherlands

Dhanashree is a third-year PhD candidate from the Delft University of Technology, with a specialization in Electrical Power Engineering. Her goal is to develop a next-generation high voltage test source to test the reliability of our electricity infrastructure so more renewable energy sources can be safely added to the power grid. This high voltage test source is being developed for future labs of KEMA Laboratories, Arnhem.

Dhanashree has received a Bachelor of Engineering (B.E) degree in Electrical and Electronics Engineering from BITS Pilani University, India, in 2015, and a Master of Science (MSc) degree with Cum-Laude in Electrical Power Engineering from Delft University of Technology, the Netherlands in 2018. Between her bachelor's and master's degrees, she worked in the Electrical Department of TATA Motors, the first indigenous automobile industry in India, for one year.