

## WiM/YP Panel Moderators & Speakers

**WiM/YP Panel, 14:00-15:00, Thursday, 14 June 2023, Young Professional Lounge**

Moderator: Michelle Kopier (Microwaves and RF)

Panel theme: We will feature a joint Panel Session between Women in Microwaves and Young Professionals. At the panel session, female industry representatives from big companies and start-ups will discuss what young professionals need to champion in the industry. The panelists will give examples of various career paths and answer your questions. The panel session will be at the Young Professionals Pavilion on Thursday, 15 June 2023.

Panelists:

Shirin Montazeri, Google, Quantum AI team



Shirin Montazeri received her Ph.D. degree in Electrical Engineering from the University of Massachusetts Amherst, in 2018. During her PhD, she was a Research Assistant working on low-power LNAs, RF transceivers, device modeling, and MMIC designs for radio astronomy and quantum computers. She was a recipient of the 2016 Microwave Theory and Techniques Graduate Fellowship award and the 2019 Best PhD Dissertation award. In 2018, she joined Qualcomm Technologies where she worked on

the next generation of 4G/5G transceiver chips. Currently, She is a research scientist at Google Quantum AI team working on the RF/microwave integrated circuits and systems for control and readout of quantum computers. Shirin is also serving as the 2023-2025 vice-chair of the MTT-S Low Noise Techniques Technical Committee and the co-chair of the Women in Microwave (WiM) Engineering committee at the 2023 International Microwave Symposium.

Maddie Frank, Additive Manufacturing Engineer at Fabric8Labs



Maddie graduated with a B.S in Electrical Engineering from the University of Wisconsin– Milwaukee and is currently an MBA candidate with a focus in Finance at the University of Wisconsin– Whitewater. Deviating from more traditional electrical engineering applications, Maddie has concentrated her studies, extracurricular activities, and employment in metal and polymer additive manufacturing since 2015. In 2019, Maddie took first place in AMUG’s Advanced Finishing technical competition, and in 2018, took third place in AMUG’s advanced concept technical competition. She was also awarded her first patent in 2023 for a dust collection device for cutting machines. Maddie is passionate about blending her additive manufacturing and electrical engineering disciplines and demonstrating the wonders of technology to under-represented groups and

students.

Wendy Shu, CEO at Eravant



Wendy Shu is CEO at Eravant (formerly known as SAGE Millimeter), an engineering firm that designs and manufactures hardware for millimeter wave and sub-THz applications. In this capacity, Wendy oversees the organization's business development and operational excellence. She is passionate about the owner-operator experience and has seen how technology can be a powerful equalizer.

Wendy earned her B.A in International Relations from the University of Southern California and her J.D. from the USC Gould School of Law. She is a member of the State Bar of California and serves as Board President of the Torrance Cultural Arts Foundation.

Sathya Padmanabhan, Transition from engineering to management, General Manager at Maury Microwaves



Sathya Padmanabhan is General Manager at Maury Microwave Corporation and is responsible for all operational aspects of the business, from strategy to execution. She joined the company in December 2006 as a Microwave engineer responsible for product development and has since held various technical, management, and leadership positions within the company. Sathya received the B.E degree in 2001 in India and the M.S degree in Electrical Engineering from the University of South Florida, Tampa, in 2004, emphasizing RF & Microwave engineering. Her research work and thesis were on calibration and measurement accuracy. She has been instrumental in working with her teams at Maury Microwave to innovate and create a paradigm shift in S parameter and load-pull

measurements.

Anouk Hubrechtsen, Co-founder and CEO of AntenneX



Anouk Hubrechtsen (Graduate Student Member, IEEE) received the B.Sc. and M.Sc. degrees in electrical engineering from the Eindhoven University of Technology, Eindhoven, The Netherlands, in 2017 and 2019, respectively, where she is finishing a Ph.D. degree. She was a Guest Researcher with the National Institute of Standards and Technology at Boulder, Boulder, CO, USA, in 2018 and 2019. There she was involved in reverberation-chamber metrology for Internet-of-Things applications. She is co-founder and CEO of AntenneX B.V., a company that develops over-the-air measurement instrumentation for 5G-and-beyond applications. Anouk

received the Regional and District Zonta Women in Technology Awards in 2019. From 2020 to 2021, she was the Vice-Chair of IEEE Benelux Women in Engineering.

