

# IEEE MTT-S Outstanding Young Engineer Award

*Recognizes an outstanding young MTT-S member who has distinguished him/herself through achievement(s), which may be technical (within the MTT-S Field of Interest), may be exemplary service to the MTT-S, or may be a combination of both.*



## Fabian Lurz

***For Outstanding Early Career in the Field of Microwave Sensor Technology, and for Exemplary Service to the Society***

Fabian Lurz received the B.Sc. and M.Sc. degrees in information and communication technology and the Dr.-Ing. degree from the Friedrich-Alexander University Erlangen-Nuremberg, Erlangen, Germany, in 2010, 2013, and 2019, respectively. In June 2020, he joined the Institute of High-Frequency Technology at the Hamburg University of Technology, Hamburg, Germany, as a senior engineer and research group leader. Since October 2023, he has been a full professor and head of the Chair of Integrated Electronic Systems at the Otto-von-Guericke University Magdeburg, Magdeburg, Germany. His research interests include microwave circuits and systems, especially for low-cost and low-power metrology applications.

# IEEE MTT-S Outstanding Young Engineer Award

– CONTINUED –

---



## Xiaobang Shang

***For Outstanding Early Career Achievements in the Design and Measurement of Millimeter-wave and Sub-terahertz Circuits, as well as Exemplary Service to the Microwave Community***

Xiaobang Shang (Senior Member, IEEE) received his BEng (First Class) in Electronic and Communication Engineering in 2008 and his PhD in Microwave Engineering in 2011 from the University of Birmingham. He is currently a Principal Scientist at NPL, focusing on microwave measurements for telecoms and quantum applications. He coordinated the EU metrology project TEMMT (2019–2022) and authored over 120 publications. Dr. Shang is a member of MTT-S TC-3 and TC-21, Associate Editor for IEEE MWTL, and the recipient of the Roberto Sorrentino Prize (2022) and IEEE Tatsuo Itoh Award (2017). He represents Group 4 countries on the EuMA General Assembly (2022–2024) and will be the General TPC Chair for EuMW 2026.

# IEEE MTT-S Outstanding Young Engineer Award

– CONTINUED –

---



## Monte Watanabe

*For Outstanding Early Career Contributions to Development and Application of Heterogeneous Integration and Advanced Packaging for RF/microwave Aerospace Applications*

Monte Watanabe is currently the Assistant Department Manager for the RF & Mixed-Signal Products Department within the Northrop Grumman Space Sector's Strategic Space Systems Division. He has been with Northrop Grumman since 2009 and his experience includes program/functional management and RF/mmW design at the integrated circuit, module, board, unit, and subsystem levels for aerospace applications. He received the B.S. and M.S. degrees in electrical engineering from the University of Hawaii at Manoa in 2007 and 2009, respectively.