

Dr. Ian Rippke

Moderator

Director, EDA Solutions Engineering and Services

Keysight



Dr. Rippke has 20 years of experience working in the simulation and design of high frequency integrated circuits, including several technical publications and patents. He is currently the Director of Keysight's EDA Solutions Engineering and Services team in the Americas. Previously, he was the product manager of the System Simulation segment which included Keysight's SystemVue RF system design platform where he oversaw the start of Keysight's RF digital twin strategy and development.

Dan Mantoni

Director of Simulation and Modeling

Analog Devices, Inc.

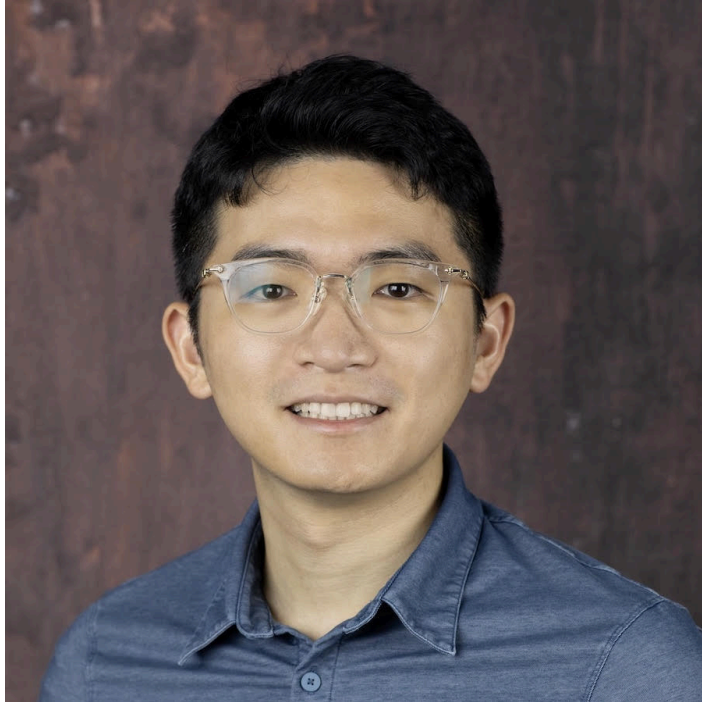


Dan Mantoni is the Director of Simulation and Modeling at Analog Devices, Inc. (ADI), where he leads multiple teams focused on delivering customer-facing models of ADI's cutting-edge products. With a Master's degree in Electrical Engineering, Dan brings deep technical expertise and leadership to the forefront of simulation technology. Prior to joining ADI in 2023, he worked at Raytheon as an electrical engineer, where he specialized in modeling antenna communication systems and designing advanced motor control applications. He is a strong advocate for innovation, precision, and enabling customer success through robust modeling solutions.

Dr. Tingjun Chen

Nortel Networks Assistant Professor of Electrical & Computer Engineering

Duke University



Dr. Chen is the Nortel Networks assistant professor of Electrical & Computer Engineering with a secondary appointment in Computer Science at Duke University. He directs the FuNCtions Lab, working with a group of talented students on various [projects](#) cutting across the networking, communication, sensing, and energy-efficient computing aspects of wireless, mobile, optical, and quantum networked systems. They also investigate new features and novel applications that can be enabled by these networks, and their research spans both the theoretical and experimental domains. In addition, he is a co-founder and advisor of WiLO Networks Inc., a start-up focusing on low-power sensor hardware and end-to-end systems.

Dr. Xu Zhu

Engineering Fellow

Menlo Microsystems Inc.



Dr. Xu Zhu is the Engineering Fellow at Menlo Microsystems Inc. Dr. Zhu oversees switch product development and leads all new MEMS devices design activities, covering both RF/Microwave switches and high power AC/DC relays. His professional experiences prior to Menlo Micro include: Senior Principal Engineer at ForteMedia leading high volume Si Microphone development; Sr. manager at Samsung Research leading RF MEMS product development including the world first RF MEMS tuner deployed in Samsung mobile phones and industry liaison of various DARPA MEMS program at universities; and Director of Technology at Akustica part of Bosch in charge of the world first commercial monolithic integrated CMOS MEMS-based microphone.