

Biography - Maryam Shojaei Baghini

Maryam Shojaei Baghini received the M.S. and Ph.D. degrees in Electrical Engineering from the Sharif University of Technology, Tehran, Iran, in 1991 and 1999, respectively. She worked for more than two years in industry on the design of analog ICs. In 2001, she joined the Department of Electrical Engineering, IIT Bombay, Mumbai, India, as a Post-Doctoral Fellow, where she is currently a TATA Trust Chair Professor in Frugal Engineering. She has published close to 300 peer reviewed journal and conference papers. She is the inventor/co-inventor of 11 granted Indian patents and 6 granted U.S. patents. Her research areas span from devices and sensors to the integrated instrumentation circuits and sensor systems and analog/mixed-signal/RF design. Dr. Shojaei has served on the Technical Program Committee of several IEEE conferences, including WSN Track Chair of the IEEE Sensors Conference 2018 and 2019. She is of the TPC chairs of VLSI Design Conference 2022. Dr. Shojaei is fellow of Indian Academy of Engineering, Distinguished Lecturer of the IEEE Sensors Council (2022-2024) and Qualcomm-Faculty Awardee, 2021.