

VIRTUAL WORKSHOP ON AI FOR MICROWAVE TECHNOLOGIES

**Tune-in
Thursdays!**



7:00–8:00 AM UTC | Thursday Weekly Slots | May–August 2026

	Speaker	Day	Topic
1	Feng Feng <i>Tianjin University</i>	May 21st	AI Fundamentals and Advanced Techniques for Electromagnetic Modeling and Optimization
2	Shekh Md Mahmudul Islam <i>University of Dhaka</i>	May 28th	Non-Contact Radar-Based Identity Authentication System in Two Subject Environment Using Digital Biomarker and Machine Learning
3	Caglar Ozdag <i>IBM Research, Bogazici University</i>	June 4th	EM Surrogate Models and the EDA - AI Interface Problem
4	Sangkil Kim <i>Pusan National University</i>	June 11th	Improved I/Q Load-Modulator Modeling for Fast Backscattering Communication through Transfer Learning Techniques
5	George Shaker <i>University of Waterloo</i>	June 18th	From Vision to Cognition: The Role of AI-powered Radar Sensing and Digital Twins in Symbiotic Human-Machine Systems
6	Chenhao Chu <i>ETH Zurich</i>	June 25th	AI-Assisted Radio-Frequency Integrated Circuit Design
7	Dibin Mary George <i>University of Puerto Rico Mayaguez</i>	July 2nd	AI-driven antenna design and optimization, fundamentals and applications
8	Fábio Passos <i>University of Lisbon</i>	June 18th	AI-Driven Design Automation of RF Circuits and Systems
9	Jia Nan Zhang <i>Southeast University</i>	July 16th	Inverse Design of Metasurface: From Physically-Driven Intelligent Search to Generative Discovery
10	Kumar Vijay Mishra <i>Army Research Laboratory</i>	July 23rd	AI for ISAC: Opportunities and Trends
11	Fábio Coutinho <i>University of Aveiro, Instituto of Telecommunications</i>	July 30th	Efficient DL-Based Design for Next-Generation Processing Functions
12	Uday Khankhoje <i>IIT Madras</i>	August 6th	Inverse design of pixellated antennas via neural networks and transfer learning

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