



# IEEE-NANO 2025

13-16 July 2025, Washington DC, USA

25 YEARS

# IEEE Nanotechnology Youth Day

Time (EDT)	Room 1024	Room 1020
8:30 – 9:30	Integrating AI into Materials Discovery: From Simulation to Experimental Workflows <b>Eleonore Vissol-Gaudin</b>	The Third Dimension of Technology Scaling: Co-designing for Direct Functionality Embedding in a Device <b>Amit Ranjan Trivedi</b>
9:30 – 10:30	Nanotechnology applications in wearables <b>Bonnie L. Gray</b>	High-throughput biosensors with nanoplasmonic materials <b>Attila Bonyar</b>
10:30 – 11:00	Coffee Break	
11:00 – 12:00	Memristor synapses: from the nanoscale to the system-level prototyping <b>Gina Adam</b>	nanoHUB and Chipshub Tutorial <b>Gerhard Klimeck</b>
12:00 – 13:30	Lunch	
13:30 – 14:15	Soft Skills Tutorial 1 – An Overview of IEEE – Advancing Technology for Humanity <b>Murty Polavarapu</b>	
14:15 – 15:00	Soft Skills Tutorial 2 – Beyond the Lab Coat: Exploring Jobs You Didn't Know You Were Qualified For <b>Jackie Sharp</b>	
15:00 – 16:15	Mentoring Session <b>Sanjukta Bhanja</b>	
16:15 – 17:30	YP Social Event <b>Matteo Lodi</b>	

