



IEEE



IEEE WMED 2025

Date: March 28th, 2025

Venue: Stueckle Sky Center

Theme: “Pushing Moore’s law: scaling the next decade”

IEEE WMED 2025 Technical Program		
7:15A – 7:45A	Check in, Registration & Breakfast	
7:45A – 8:00A	Welcome Address IEEE WMED Chair	
8:00A – 9:00A	Keynote – AI Powered by Micron by Scott Gatzemeier (Micron Technology Inc.)	
9:00A – 10:00A	Keynote – Digital Storage and Memory, Terrestrial and Beyond, by Thomas Coughlin	
10:00A – 10:15A	Coffee Break & Networking	
10:15A – 11:15A	Keynote – Moore’s Law & Advanced Packaging for the AI Era, by Raja Koduri and Bob Rao	
11:15A – 12:00P	Panel Discussion- Semiconductor Research: Bridging gap between industry and academia Raja Koduri, Bhumika Chhabra, Kurtis Cantley, Elton Graugnard	
12:00P – 12:45P	Lunch Break	
12:45P – 1:30P	Poster Session*	
1:30P – 2:15P	Invited Talk: Atomically Precise Graphene Nanoribbons as Next- Generation Channel Materials for Transistor Scaling Beyond Silicon Limits, by Zafer Mutlu (University of Arizona)	
2:15P – 3:00P	Invited Talk: Backend Interconnects: Creating More "Room at the Bottom", by Sandani Samarajeewa	
3:00P – 3:25P	Coffee Break & Networking	
3:25 – 4:10P	Invited Talk: Advanced Interconnects: The expressway for bits by Nancy Lomeli, Micron Technology Inc.	
	Track1	Track2
4:10P – 5:25P	Contributed Paper 1	Contributed Paper 2
	Contributed Paper 3	Contributed Paper 4
	Contributed Paper 5	Contributed Paper 6
5:25P	Closing Remarks	

*Note: Posters will be displayed in Alley 55 throughout the day.

- **Keynote Talk:** 55 mins total. 40-minute talk, 15-minute Q&A.
- **Invited Talk:** 45 mins total. 30 mins talk, 15 mins Q&A.
- **Contributed Paper:** 25 mins total. 15- 20 mins talk, 5-10 mins Q&A.