

Semiconductor Industry Energy Efficiency Scaling (EES2) Roadmap Working Group Meeting #6

Hosted by the DOE/EERE Advanced Materials and Manufacturing Technologies Office (AMMTO)

Virtual

May 23-24, 2023

AGENDA

May 23rd, 12:00 PM – 4:35 PM EDT	
Time (EDT)	Activity
12:00 – 12:10	Welcome
12:00 – 12:10	Welcome from DOE AMMTO Organizer (Tina Kaarsberg, DOE AMMTO, Meeting Chair)
12:10 – 4:25	Facilitated Discussion: Technical and Non-Technical Challenges, WG Cross Collaboration Working Groups: Circuits and Architectures, Software and Algorithms, Metrology and Benchmarks
12:10 – 12:15	Roadmap Schedule and Strategy: Emmanuel Taylor
12:15 – 1:35	Block 1 – Solution Pathways for Technical Challenges
1:35 – 1:45	BREAK
1:45 – 3:00	Block 2 – Solution Pathways for Technical Challenges
3:00 – 3:10	BREAK
3:10 – 4:25	Block 2 – Cross Collaboration
4:25 – 4:30	EES2 Next Steps
4:30 – 4:35	Closing Remarks (Tina Kaarsberg, DOE AMMTO, Meeting Chair)

May 24th 12:00 PM – 5:05 PM EDT	
Time (EDT)	Activity
12:00 – 12:40	Opening Plenary
12:00 – 12:10	Welcome from DOE AMMTO Organizer (Tina Kaarsberg, DOE AMMTO, Meeting Chair)

12:10 – 12:40	Working Group Highlight- AP/HI (Na Li, Ahmed Moinuddin, Ravi Argawal)
12:40 – 4:55	Facilitated Discussion: Technologies, Energy Efficiency Contribution, and Timeline Working Groups: Advanced Packaging and Heterogeneous Integration, Materials and Devices, Power and Control Electronics, Manufacturing Energy Efficiency and Sustainability
12:40 – 12:45	Roadmap Schedule and Strategy: Emmanuel Taylor
12:45 – 2:05	Block 1 – Solution Pathways for Technical Challenges
2:05 – 2:15	BREAK
2:15 – 3:30	Block 2 – Solution Pathways for Technical Challenges
3:30 – 3:40	BREAK
3:40 – 4:55	Block 2 – Cross Collaboration
4:55 – 5:00	EES2 Next Steps
5:00 – 5:05	Closing Remarks (Tina Kaarsberg, DOE AMMTO, Meeting Chair)