

U.S. DEPARTMENT OF  
**ENERGY**

Office of  
**ENERGY EFFICIENCY &  
RENEWABLE ENERGY**

**ADVANCED MATERIALS &  
MANUFACTURING  
TECHNOLOGIES OFFICE**



# Day 2 Closing EES2 Workshop and Final WG Meeting (#9)

Tina Kaarsberg, PhD  
EES2 Workshop Co-Chair

August 17,  
2023



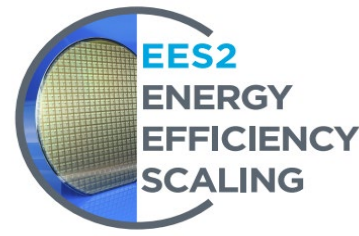
<https://microelectronics.slac.stanford.edu/amo-microelectronics>

# Thank you to Working Group Co-Chairs



Name	Organization	WG
Moinuddin Ahmed	Argonne National Laboratory	AP/HI
Na Li	Carbice	AP/HI
Brian Hirano	Micron	Algorithms and Software
Tapan Shah	Ge Vernova	Algorithms and Software
Azeez Bhavnagarwala	Metis Microsystems	Circuits and Architectures
Emre Salman	Stony Brook Univeristy	Circuits and Architectures
Jayasimha Atulasimha (Atul)	Virginia Commonwealth University	Materials and Devices
John Baniecki	SLAC	Materials and Devices
Paul Fischer	Intel	Materials and Devices
Shashank Misra	Sandia National Laboratories	Materials and Devices
Craig Green	Carbice	Metrology and Benchmarking
James Booth	NIST	Metrology and Benchmarking
Paul Sharps	Sandia National Laboratories	Power and Control
Tim McDonald	Infineon	Power and Control
Josh Ballard	Zyvex Labs	MEES
Prashant Nagapurkar	Oak Ridge National Laboratory	MEES

# Thank you Extraordinary EES2 Team!!



## ENERGETICS



Nick R Johnson

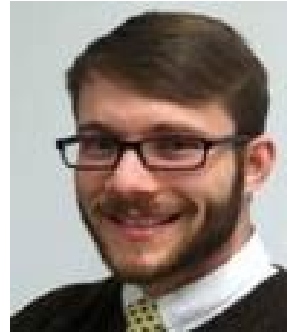


Kenta Shimizu



Emmanuel Taylor

## DOE



Paul Syers

## SLAC



Sadas Shankar



Stephanie Carlson

Also  
Murat  
Isik &  
Vedant  
Karia

## Building People



Daniel Lu



Harper Alerion



Russ Jones

And  
David  
Voss



Diana Bauer



Simone Hill-Lee



Stacey Young

## ANL

Moinuddin

Amanda  
Petford-  
Long

# EES2 Secretariat Activities this Fall



1. Non-Roadmap Milestones/ Events (e.g. Develop Oct. Event for Pledgers)
2. KEEP Recruiting (thank you Farah!) –especially ACADEMIA
3. Launch Wikipedia Page and Newsletter/**BLog**
4. List Federal Microelectronics Funding Opportunities CHIPS, DOD, NIST, DOE, and NSF
5. Write articles and response letters—update White Paper
  - Submitted Broad EES2 (IST), Technical letter on Analysis (Sadas)
  - leading to EES2 Goal for Working Group members to sign
6. More, Better Data on Microelectronics Energy Use (EIA, DOC) and pledgers energy use
  - Meetings and input to EIA Energy Use Surveys
  - Create energy data feedback form for Pledgers →September?
7. Speaker Series for Post WG Workshop Plenaries
8. Write Roadmap (including Intro and MEWD)
  - List (and Justify) what's NOT in version 1.0 of roadmap—e.g. Optoelectronics, Comm
9. Come up with new excuse to update Social Media kits include tweets, LinkedIn, FB etc
10. Develop support for Double in a Decade Goal & Prize and Fellowship Proposals for MEWD including target key segments such as students and retirees
11. Update Tina's Book Club

