



WORKSHOP: Competitive Ecosystem - Microelectronics Research and Capabilities across the DOE Laboratory Complex

PROGRAM MANAGER: Dr. Andrew Schwartz, Department of Energy Office of Science

DATE: Thursday, August 20, 2020

TIME: 4:00 PM – 5:45 PM

DESCRIPTION

This workshop is designed as a broad survey intended to educate ERI researchers about the diverse expertise and capabilities available at the DOE National Labs. Information will be provided about open access scientific user facilities; active research programs in advanced microelectronics; and state-of-the-art synthesis, fabrication, characterization, and modeling tools. As appropriate, guidance will be presented for ERI researchers to access DOE Lab capabilities or explore the possibilities of collaborative research on topics of mutual interest.

AGENDA

4:00 PM	Introduction Dr. Andrew Schwartz, DOE Office of Basic Energy Sciences
4:15 PM	Microelectronics Research and Capabilities across the DOE Laboratory Complex Panel Dr. Amanda Petford-Long, Director, Materials Science Division, Argonne National Lab Dr. Yong Chu, NSLS-II Imaging and Microscopy Program Manager, Brookhaven National Lab Dr. Patrick Naulleau, Director, Center for X-Ray Optics, Lawrence Berkeley National Lab Dr. David Womble, AI Program Director, Oak Ridge National Lab Mr. David Graves, Assoc. Lab Director, Low-Temp. Plasma Surface Interactions, Princeton Plasma Physics Lab Dr. Rick McCormick, Sr. Manager, Advanced Semiconductor Technology Group, Sandia National Labs Dr. Robinson Pino, Program Manager, DOE Office of Advanced Scientific Computing Research
5:00 PM	Audience Questions and Panel Discussion with the Speakers All Presenters

Presentation Concludes: 5:45 PM

QUESTIONS

Please contact the ERI Summit mailbox for more information following this workshop at ERI-Summit@darpa.mil.