

2019 NSE Grantees Conference

Midscale infrastructure opportunities at NSF

Dr. Paul A Lane

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Bio: Dr. Paul A. Lane is a Program Director for Electronics, Photonics and Magnetic Devices in the Division of Electrical, Communications and Cyber Systems (ECCS), managing the interdisciplinary science and engineering research thrust areas for electronic devices. His focus areas include applications of low-dimensional, organic and hybrid semiconductors and novel energy sources, including solar, thermal, and mechanical. His responsibilities also include participation in the NSF working groups for the Major Research Instrumentation, Mid-Scale Research Infrastructure, ENG-EPSRC and ASCENT solicitations.

Dr. Lane spent over 25 years studying the photophysics and device applications of novel semiconductors, particularly organic materials. Dr. Lane earned a B.A. in Mathematics and Physics from Macalester College in St. Paul, Minnesota, and a Ph.D. in Experimental Condensed Matter Physics from Iowa State University. Following post-doctoral research at the University of Utah, he joined the faculty of the Physics Department at the University of Sheffield in the United Kingdom. In 2003, he joined the U.S. Naval Research Laboratory Optical Sciences Division and moved to the National Science Foundation in 2018. Dr. Lane is a Fellow of the SPIE and a member of the AAAS and IEEE (Electronic Devices Society).