

Bio Sketch

Eli Sutter

Eli Sutter is a Professor of Mechanical and Materials Engineering at the University of Nebraska-Lincoln (USA). She received M.S. and Ph.D. degrees in Condensed Matter Physics from Sofia University “St. Kliment Ohridski” in Bulgaria. She then held postdoctoral positions at the Swiss Federal Institute of Technology (ETH Zürich) and at the University of Wisconsin-Madison. From 2000 till 2004 she was an Assistant Professor (tenure track) in Physics at the Colorado School of Mines. Before joining the University of Nebraska-Lincoln in 2015 as a Full Professor she spent almost 12 years as Scientist in the Center for Functional Nanomaterials at Brookhaven National Laboratory. Her research focuses on van der Waals materials, heterostructures, and nanostructures, studied by electron microscopy and nanometer-resolved electron-excited spectroscopy as well as in-situ electron microscopy of materials at variable temperatures and in different environments. She has co-authored more than 215 papers, 60 invited talks and holds 8 US Patents. She received a Scientific American 50 award for Ultra-measurements (2007), the Sapphire Prize (2011) and Battelle Inventor of the Year Award (2015). She served as Chair of the International Conference on Nanoscience and Technology, Vail (CO) in 2014 and Meeting Chair of the 2017 Materials Research Society Spring Meeting in Phoenix, AZ.