

- 1:30 – 2:15 Keynote Speaker: Julia Greer (California Institute of Technology)
Materials by Design: 3-dimensional Nano-architected Meta-materials
- 2:15 – 2:45 Jacqueline Cole (University of Cambridge/Rutherford Appleton Laboratory)
Molecular Engineering of Nano-optomechanical Transducers
- 2:45 – 3:15 James Rondinelli (Northwestern University)
Designing Functional Oxide-based Optical Materials from Quantum Mechanics to the Laboratory
- 3:15 – 3:35 Break
- 3:35 – 3:45 Steve Smith, Chair (CNM Users Executive Committee)
Update from the CNM Users Executive Committee
- 3:45 – 4:15 Tamar Segal-Peretz (Argonne National Laboratory)
Underneath the Surface of Block Copolymer Thin Films
- 4:15 – 4:45 Alper Kinaci (Argonne National Laboratory)
Accelerating Nanomaterial Property Prediction Using Machine Learning
- 4:45 – 5:00 Invited Student Talk: Peijun Guo (Northwestern University)
Ultrafast All-optical Modulation of the Full-visible Spectrum with Indium-Tin-Oxide Nanorod Arrays
- 5:00 Adjourn