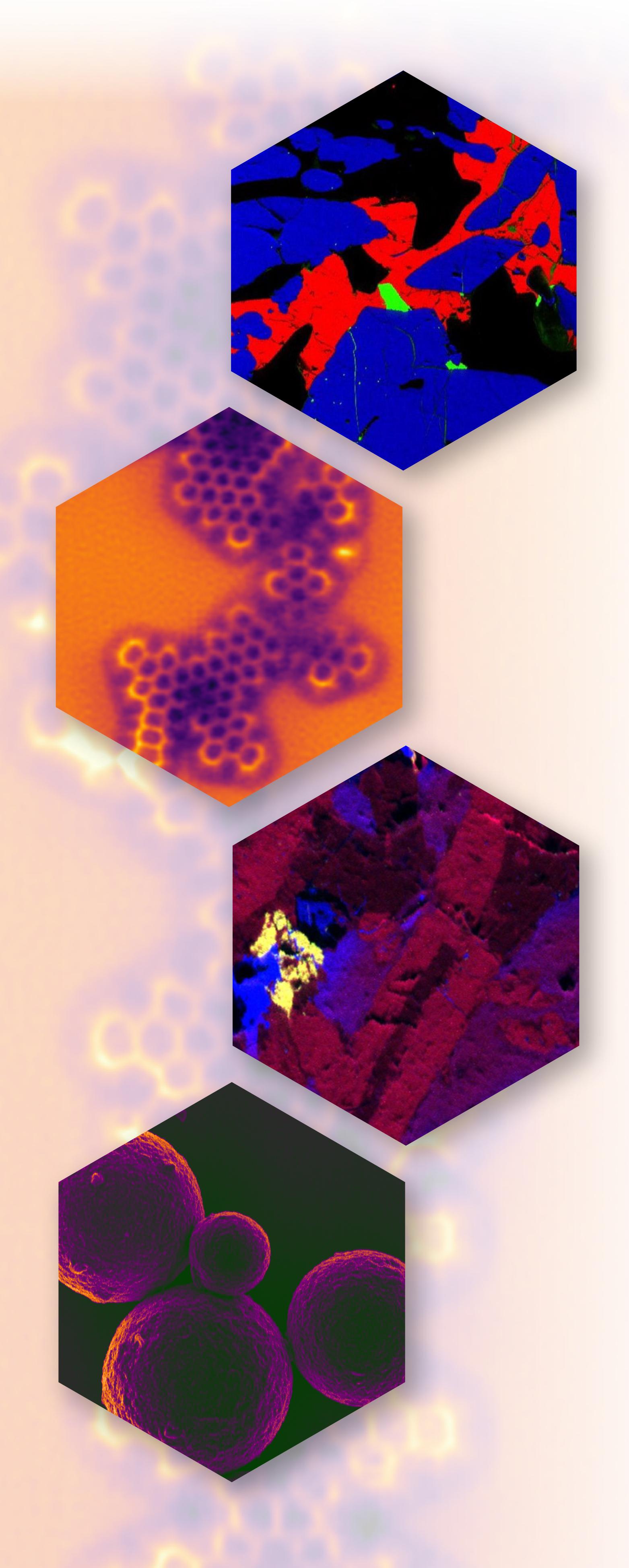
# NSLS-II & CFN Virtual Users' Meeting

# Welcome all: Returning, first-time, and future users

May 17-20, 2021



## Workshops

Monday, May 17 NSLS-II and CFN 101: Techniques, Applications, and Access

Multi-modal Characterization of Structure and Properties in Additively Manufactured Metals

Cryo-EM at LBMS: Protein Structures, Protein-Protein and Protein-Cell Interactions

Ultrafast Pump Probe Optical Microscopy Techniques and their Applications in Nanoscience

#### Tuesday, May 18

Embracing Diversity in Science: a User Community Discussion

#### Wednesday, May 19

Characterization and Speciation of Marine Materials using Synchrotron Probes Exploring Future Collaborations between NNSA and BNL/NSLS-II Scientific Python for Data Analysis at NSLS-II

Towards the Next Generation of Photothermal and Near-Field Infrared Nanospectroscopy at the CFN and NSLS-II

#### Thursday, May 20

Structural Responses to Electronic Order in Quantum Materials from Total Scattering Approaches

Unraveling the Past – Paleoanthropology and X-ray Imaging Liquid Surface Science

Machine Learning Augmented X-Ray Scattering and Spectroscopies

# Strategic Vision Plenary

Linda Horton, Associate Director of Science for Basic Energy Sciences Doon Gibbs, Director, Brookhaven National Laboratory John Hill, Director, National Synchrotron Light Source II & Deputy Associate Laboratory Director for Energy & Photon Sciences Chuck Black, Director, Center for Functional Nanomaterials

## Scientific Plenary Session

Latha Venkataraman, *Lawrence Gussman Professor of Applied Physics* and Professor of Chemistry, Columbia University

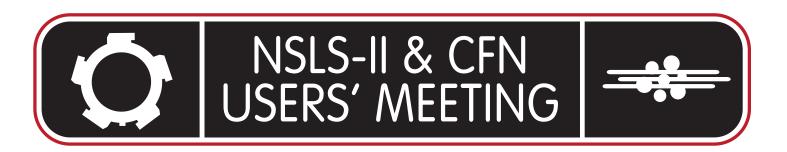
Jamie Fraser, *Professor, Department of Bioengineering* and Therapeutic Sciences, University of California, San Francisco

Brandy Toner, Professor, College of Food, Agricultural, and Natural Resource Sciences, University of Minnesota

### Poster Session

Monday, May 17





https://www.bnl.gov/nslscfnum/