

## **CNM WK#2: Collaborations Opportunities for Industry Partnering with CNM**

**Monday, May 3, Morning**

### **Session 1: Industry Argonne Collaborations (Session Chair: Anirudha Sumant)**

- 9:00 – 9:05 Anirudha Sumant (Center for Nanoscale Materials, Argonne National Laboratory)  
*Welcome and Introduction*
- 9:05 – 9:15 Kawtar Hafidi (Physical Science and Engineering Division, Argonne National Laboratory)  
*Kickoff Address to Participants*
- 9:15 – 9:45 Kamal Soni (Corning Inc.)  
*Corning-Argonne Collaborations in Nanomaterials: Advancing the Research Frontiers*
- 9:45 – 10:15 Nobuyuki Kambe (Phoenix Venture Partners)  
*Ecosystem to Commercialize Nano-Innovations*
- 10:15-10:30 Break

### **Session 2: CNM Capabilities and Expertise (Session Chair: Katie Carrado Gregar)**

- 10:30 – 10:45 Martin Holt (Center for Nanoscale Materials, Electron and X-ray Microscopy Group, Argonne National Laboratory)  
*The Electron and X-ray Microscopy Group at the Center for Nanoscale Materials*
- 10:45 – 11:00 Richard Schaller (Center for Nanoscale Materials, Nanophotonics and Biofunctional Structures Group, Electron and X-ray Microscopy Group, Argonne National Laboratory)  
*Capabilities of the Nanophotonics and Biofunctional Structures (nPBS) Group in the Center for Nanoscale Materials*
- 11:00 – 11:15 Anirudha Sumant (Center for Nanoscale Materials, Nanofabrication and Devices Group, Electron and X-ray Microscopy Group, Argonne National Laboratory)  
*Capabilities and Expertise of the Nanofabrication and Devices Group at the Center for Nanoscale Materials*
- 11:15 – 11:30 Nathan Guisinger (Center for Nanoscale Materials, Quantum and Energy Materials Group, Argonne National Laboratory)  
*Overview of the Quantum and Energy Materials Group*
- 11:30 – 11:45 Subramanian Sankaranarayanan (Center for Nanoscale Materials, Theory and Modeling Group, Argonne National Laboratory)  
*Theory and Modeling Group at the Center for Nanoscale Materials*

11:45 – 12:00 Questions to the Groups

12:00 – 1:00 Lunch Break

### **Monday, May 3, Afternoon**

#### **Session 3: Working with Argonne/CNM (Session Chair: Anirudha Sumant)**

- 1:00 – 1:30 Katie Carrado Gregar (Center for Nanoscale Materials, Argonne National Laboratory)  
*Successful Partnerships via the Center for Nanoscale Materials User Program*
- 1:30 – 2:00 Phil Smith (Business Development, Argonne National Laboratory)  
*A Partner in Innovation: How to Work with Argonne*
- 2:00 – 2:30 Chunguang Jing (EuclidTechLab LLC)  
*Development of UNCD-based Electron Sources and Beyond: From One-time Opportunity to a Long-term Collaboration with CNM*
- 2:30 3:00 Harpal Singh (Sentient Science Inc.)  
*DigitalClone® – Digital Representation to Optimize Design and Maximize Life of a Product*
- 3:00 – 3:15 Break

#### **Session 4: Entrepreneurship Opportunities at Argonne (Session Chair: Yu Kambe)**

- 3:15 – 3:45 John Carlisle and Deena Wright (Chain Reaction Innovations, Argonne National Laboratory)  
*Chain Reaction Innovations: Connecting Entrepreneurs, Argonne, and the Chicago Innovation Ecosystem to Move Science-based Innovations into High Impact Applications*
- 3:45 – 4:15 Chad Husko (Iris Light Technologies, Inc. and CRI Fellow)  
*Commercialization of Optoelectronics at the CNM*
- 4:15 – 4:45 Carrol Scarlet (Axion Technologies, LLC and CRI Fellow)  
*Quantum Randomness on a Chip*
- 4:45 – 5:00 Yu Kambe (NanoPattern Technologies) and Anirudha Sumant (Center for Nanoscale Materials, Argonne National Laboratory)  
*Thanks and Closeout*