

**Technology Development Pathways:  
Case Studies from the NNI  
Workshop Agenda**

**Wednesday, November 1, 2017 - Draft**

**470 L'Enfant Plaza SW, Suite 8001, Washington, D.C. 20024**

- 8:00 – 8:30      **Registration**
- 8:30 – 8:45      **Welcome and Introduction**  
**Lisa E. Friedersdorf**, National Nanotechnology Coordination Office (NNCO)
- 8:45 – 9:15      **Case Study One – Roll-to-Roll Processing**  
**Michael Spaid**, Cambrios Advanced Materials
- 9:15 – 9:45      **Case Study Two – Batch Processing**  
**Craig Bandes**, Pixelligent
- 9:45 – 10:15    **Case Study Three – Product Integration**  
**David Eagleson**, Imprint Energy
- 10:15 – 10:30    **Break**
- 10:30 – 11:45    **Morning Panel and Discussion**  
**Loucas Tsakalakos**, GE Global Research Center  
**TBD**, Lockheed Martin (*Pending*)  
**Michael Spaid**, Cambrios Advanced Materials  
**Craig Bandes**, Pixelligent  
**David Eagleson**, Imprint Energy
- 11:45 – 12:00    **Morning Summary**  
**Alex Liddle**, National Institute of Standards and Technology (NIST)
- 12:00 – 12:45    **Lunch (List of local options provided)**
- 12:45 – 1:00     **Introduction to Convergence**  
**Mihail Roco**, National Science Foundation
- 1:00 – 1:45      **OECD Convergence Firm-Level Studies**  
**Steffi Friedrichs**, OECD
- 1:45 – 2:00      **Break**
- 2:00 – 3:00      **Panel 1: Focus on Step in Technology Pathway (Scale Up)**  
**Joe Sprengard**, General Nano  
**Kim Nelson**, API  
**Chad Lewis**, Peak Nanosystems
- 3:00 – 4:00      **Panel 2: Focus on Step in Technology Pathway (Quality Control)**  
**Craig Bandes**, Pixelligent  
**Rob Ivkov**, Johns Hopkins University  
**Doug Mar**, Liquidia Technologies

4:00 – 5:15      **Synthesis and Discussion**  
**Michael Meador**, National Aeronautics and Space Administration (NASA)

5:15 – 5:30      **Closing Remarks**  
**Lisa Friedersdorf**, NNCO

5:30              **Meeting adjourns**