

Agenda for:

Workshop entitled 'Methods for Characterizing Defects in Advanced Manufacturing Processes' to be held at Cornell University 10/14 – 10/15

Institutional and Technical Host: Darren Pagan Email: dcp99@cornell.edu; Phone Number: (607)-254-8983

Lead Organizer: John Carpenter Email: carpenter@lanl.gov; Phone Number: 505-606-1401

Dress: Casual Location: Cornell University, 401 Physical Sciences Building

WORKSHOP GOALS:

For the characterization community to inform the manufacturing industry on cutting edge research with in situ and ex situ characterization capabilities and how they have been helpful in solving industrial challenges.

For the manufacturing industry to provide invaluable direction to the characterization community on where to focus resources with regards to experimental development for model validation or part qualification/acceptance.

To identify experiments in a formal report that can meet current industrial needs and that will stretch current characterization capabilities.

Monday, October 14th, 2019

Time	Activity
730 AM	Arrival
800 AM	Introduction – John Carpenter: Los Alamos National Laboratory
815 AM	Yan Gao: GE-GR
845 AM	Alkan Donmez: NIST
915 AM	Peter Lee: Diamond Light Source
945 AM	Break
1000 AM	Darren Pagan: CHESS
1030 AM	Nik Chawla: Arizona State University
1100 AM	David Rowenhorst: Naval Research Laboratory
1130 AM	Tony Rollett: Carnegie Mellon
1145 PM	Lunch
100 PM	Beam Line Tour
230 PM	Break
245 PM	Industrial Panel Discussion
415 PM	Explanation of Break-Out Sessions
425 PM	Break – Out Session #1
515 PM	Close – out for Day
530 PM	Adjourn

Tuesday, October 15th, 2019

Time	Activity
730 AM	Arrival
800 AM	Keith Brady: Renishaw
830 AM	John Lewandowski: Case Western Reserve University
900 AM	Andrew Chuang: APS
930 AM	Kevin Stone: SLAC
1000 AM	Break
1015 AM	Hassan Ghassemi: Arcelor Mittal
1045 AM	John Speer: Colorado School of Mines
1115 AM	Thomas Broderick: Air Force Research Laboratory
1145 PM	Lunch
100 PM	Break - Out Session #2
200 PM	Break - Out Reports
245 PM	Meeting Close-Out
300 PM	Break
320 PM	Beam Line Tour #2
500 PM	Adjourn