Virtual Workshop on Artificial Intelligence for Accelerated Materials Design in Extreme Conditions

**Day 1 – January 13, 2021:** Applications of Materials under Extreme Conditions
12:00  Introduction
12:20  Christopher Schuh (Massachusetts Institute of Technology)
1:00  Tony Rollett (Carnegie Mellon University)
1:40  Rusty Gray (Los Alamos National Laboratory)
2:20  Break
2:40  Federica Coppari (Lawrence Livermore National Laboratory)
3:20  Guruswami Ravichandran (California Institute of Technology)
4:00  Panel Discussion
Panel Chair: Bill Carter (Defense Advanced Research Projects Agency)
Panelists: Ryan Crum (Lawrence Livermore National Laboratory), Scott Schoenfeld (Army Research Laboratory)
5:00  Adjourn

**Day 2 – January 14, 2021:** Tools for Accelerated Material Discovery
12:00  Rebecca Lindsey (Lawrence Livermore National Laboratory)
12:40  George Karniadakis (Brown University)
1:20  Christopher Stiles (Applied Physics Laboratory)
2:00  Raymundo Arróyave (Texas A&M University)
2:40  Break
3:00  Christopher Wolverton (Northwestern University)
3:40  Panel Discussion
Panel Chair: Yannis Kevrekidis (Johns Hopkins University)
Panelists: Brian Barnes (Army Research Laboratory) and Stefano Curtarolo (Duke University)
4:40  Adjourn

**Day 3 – January 15, 2021:** High-throughput Experiments/Characterization
12:00  Alfred Ludwig (Bochum University)
12:40  Ichiro Takeuchi (University of Maryland)
1:20  Dana D. Dlott (Illinois University)
2:00  Elizabeth J. Opila (University of Virginia)
2:40  Break
3:00  Surya Kalidindi (Georgia Institute of Technology)
3:40  Panel Discussion
Panel Chair: Mitra Taheri (Johns Hopkins University)
Panelists: Saryu Fensin (Los Alamos National Laboratory), KT Ramesh (Johns Hopkins University)
4:40  Adjourn