

**MRS/Kavli Future of Materials Workshop:
Building a Community for Autonomous Research**

Presented by MRS Bulletin

August 17 and September 21, 2020

11:00 am to 2:00 pm US ET

Chairs: Benji Maruyama (AFRL), Brian L. DeCost (NIST), Jason R. Hatrick-Simpers (NIST),
Aaron Gilad Kusne (NIST), Ian Anderson (AFRL)

Program

Day One: August 17, 2020

11:00 to 11:50 am

Welcome and introductions

Todd Osman (Executive Director, MRS)

David Steuerman (The Kavli Foundation)

Benji Maruyama (Workshop Chair)

Give attendees their charge--Normalize expectations for workshop

11:50 to 12:00 noon

First Break

12:00 Noon to 12:50 pm

Assign breakout session groups

This time will be used for participants to identify needs and problems and to brainstorm solutions.

- Written Communications: new communication model: journal publication versus conference proceedings, data housing, code - machine readable communication model
- Live Communications: Workshops, Conferences, Joint Conferences synch/asynch
- External Communications: Public face to funding agency + Workforce development "Funding and Training the Next Generation?"

12:50 pm to 1:00 pm

Second Break

1:00 pm to 1:40 pm

Quick Feedback on breakout sessions--Issues, findings

Short 2nd iteration of Breakout--change sessions if possible

1:40 pm to 2:00 pm

Join back together to share discussions

Assign discussion and action items for next week (asynchronous) and 24 August meeting

Wrap-up and adjourn for Day One

August 17- September 21, 2020

Asynchronous Activities: Read, digest & discuss over email; populate, edit Google Doc

Day Two: September 21, 2020

11:00 to 11:50 am

Quick breakout session report and summary from previous session and intervening month

Identify Issues/concerns

Breakout into 3 sessions to hash out differences

11:50 to 12:00 noon

First Break

12:00 noon to 12:50 pm

Report out findings

Build consensus message

12:50 pm to 1:00 pm

Second Break

1:00 pm to 2:00 pm

Finalize Workshop Message with MRS Science Writer

Build Community Action List for post workshop

Wrap-up/Takeaways

Adjourn