**Day 1: Monday, October 31**

**Broad view for entire materials community**

**7:30 AM** 
Shuttle service from Hilton Orrington to Allen Center *(meet at front of hotel)*

**8:00 AM - 8:45 AM** 
Registration & breakfast buffet *(Allen Center- 1st Floor EMP24/25 Lounge)*

**8:45 AM - 8:50 AM** 
Peter Voorhees, Northwestern U, Welcome *(Allen Center- McCormick Auditorium)*

**8:50 AM - 9:00 AM** 
James Warren, NIST, Welcome *(Allen Center- McCormick Auditorium)*

**9:00 AM - 10:45 AM** **Keynote Materials Talks** *(Allen Center- McCormick Auditorium)*
*Innovations in Materials Design*, Moderator: Ian Foster, University of Chicago
Greg Olson, Northwestern University
Juan de Pablo, University of Chicago

*Data Curation* *(Allen Center- McCormick Auditorium)*,
Moderator: Chandler Becker, NIST
John Allison, University of Michigan
Claudia Draxl, Humboldt University of Berlin

**10:45 AM- 11:00 AM** 
Coffee Break *(Allen Center- 1st Floor EMP24/25 Lounge)*

**11:00 AM - 12:45 PM** **Keynote Materials Talks** *(Allen Center- McCormick Auditorium)*
*Materials Analytics*, Moderator: Emine Gulsoy, CHiMaD/Northwestern University
Elizabeth Holm, Carnegie Mellon University
Jed Pitera, IBM

*Education, Workforce Development, Diversity, & Industry,* *(Allen Center- McCormick Auditorium)*
Moderator: Marius Stan, Argonne National Laboratory
Katsuyo Thornton, University of Michigan
Alejandro Strachan, Purdue University

**12:45 PM - 1:00 PM** 
Transition to Lunch

**1:00 PM - 1:45 PM** 
Lunch *(Allen Center- Johnson Wax Dining Room)*
1:45 PM - 2:00 PM  Transition to Norris Hall

2:00 PM - 3:00 PM  **Keynote Materials Talks** *(Norris – Lake Room)*
**Sustainability, Public/Private Partnerships, & Industry**  
Moderator: Ben Blaiszik, University of Chicago  
David Furrer, Pratt & Whitney  
Bryce Meredig, Citrine

3:15 PM – 5:00 PM  Hands-on Materials Data Demos/Exhibits & Kickoff Reception  
*(Norris – Louis Room)*  
Exhibitors: ASM, Citrine, MagPie, Materials Data Facility,  
Materials Resource Registry, Materials Data Curator System, National Data Services, NanoHub, NanoMine, NIMS MatNavi, NoMaD, OQDB

5:00 PM  Shuttle service from Norris Hall to Hilton Orrington  
*(Meet at the West Exit of Norris Hall)*

5:00 PM- 7:00 PM  CHiMad Student Mixer *(Hilton Orrington)*

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**Day 2: Tuesday, November 1**

**Targeted views for Panels & Working Groups**

8:00 AM  Shuttle service from Hilton Orrington to Allen Center *(Meet at front of hotel)*

8:30 AM- 9:30 AM  Breakfast buffet *(Allen Center- 1st Floor EMP24/25 Lounge)*

9:30 AM - 11:00 AM  **Challenges in Data Design for Emerging Reconfigurable Soft Materials**  
*(Allen Center- McCormick Auditorium)*  
Moderator: Juan de Pablo, University of Chicago  
Marcus Müller, University of Göttingen  
Christopher Spadaccini, Lawrence Livermore National Laboratory  
Alexander Hexemer, Lawrence Berkeley National Laboratory

11:00 AM- 11:15 AM  Coffee Break *(Allen Center- 1st Floor EMP24/25 Lounge)*

11:15 AM – 1:00 PM  **(Parallel sessions)**

**Panel 1: Education, Workforce Development, Diversity & Industry**  
*(Allen Center- McCormick Auditorium)*  
Moderator: Ricardo Kiyohiro Komai, Northwestern University  
Panelists: Emine Gulsoy, CHiMaD/Northwestern; Elif Ertekin, U of Illinois; Larry Berardinis, ASM for Tom Searles, Materials Data Management/Granta Design

**WG 1: Overview of Materials Data Curation Tools**  
*(Hogan- CHiMaD HQ)*  
Leads: Carelyn Campbell, Ben Blaiszik, Laura Bartolo
1:00 PM  Shuttle service from Allen Center to Hilton Orrington

1:30 PM - 2:30 PM  Lunch  (Hilton Orrington)

2:30 PM - 4:30 PM  *(Parallel sessions)*
Panel 2: Sustainability, Public/Private Partnerships, & Industry  
(Hilton Orrington)  Moderator: Jason Sebastian, Questek  
Panelists: Ian Foster, U of Chicago; Bryce Meredig, Citrine; Arno Merkle, Zeiss; Charles Ward, AFRL  
WG 2: International Federation of Materials Resource Registries  
(Hilton Orrington)  Lead: Chandler Becker (NIST)

4:30 PM – 5:30 PM  Materials Research Posters  (Hilton Orrington)
5:30 PM – 6:30 PM  Summit Reception  (Hilton Orrington)
6:30 PM - 8:30 PM  Dinner  (Hilton Orrington)

**Day 3: Wednesday November 2 (Wrap Up/Closing)**

7:30 AM  Shuttle Service from Hilton Orrington to Allen Center  *(Meet at front of Hotel)*
8:00AM- 9:00 AM  Breakfast buffet  *(Allen Center- 1st Floor EMP24/25 Lounge)*
9:00AM - 11:00AM  *(Parallel sessions)*
Panel 3: Introduction to Materials Analytics Introduction & Current Efforts:  
(Allen Center- McCormick Auditorium)  
Introduction: Ankit Agrawal, Northwestern University  
Panelists: Turab Lookman, Los Alamos National Laboratory;  
Amanda Petford-Long, Argonne National Laboratory

WG 3: Refine preliminary Materials Data Schemas  
(Hogan- CHiMaD HQ)  
Moderators: Carelyn Cambell, Zach Trautt, NIST  
Atom Probe  
Mechanical Processing/Thermomechanical Processing (metallic)  
Phase Diagram  
Polymer

11:00AM - 11:15 AM  Break

11:15 PM - 12:30PM  Report outs by all Panels & WGs/ Summit Closing Session,  
Peter Voorhees & Carelyn Campbell  
(Allen Center- McCormick Auditorium)

12.30PM  Adjourn/Lunch & Boxed Lunches To-Go  *(Allen Center- 1st Floor EMP24/25 Lounge)*
12:45 PM  Shuttle Service Allen Center to Hilton Orrington  *(Meet at the front of Allen Center)*
Preliminary documents for data curation, materials resource registries, and schemas are available on the Summit home page:
http://chimad.northwestern.edu/news-events/2016DATA.html