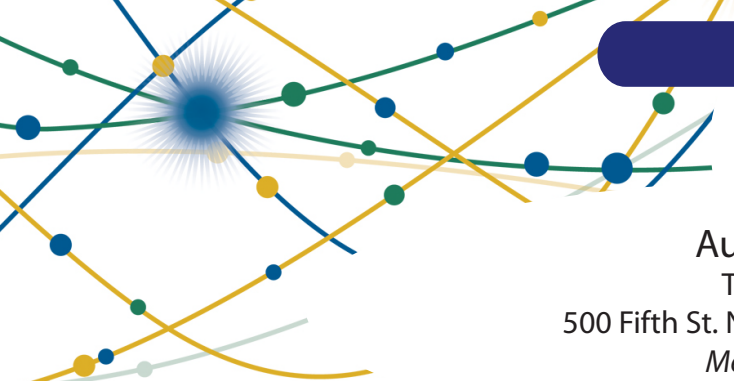




August 22-23, 2018

A Research Agenda for a New Era in SEPARATIONS SCIENCE

August 22, 2018
The Keck Center
500 Fifth St. NW, Washington, DC 20001
Meeting Room: 201

OPEN DATA-GATHERING SESSION

12:30 **Doors Open**

12:35 **Welcome and Introductions**
Joan Brennecke, Chair

SESSION I — SPONSOR DISCUSSION

12:45 National Science Foundation Panel
Q&A

SESSION II — MOLECULAR MODELING AND ELECTRONIC STRUCTURE METHODS

13:15 **Susan Sinnott**, The Pennsylvania State University (via Zoom)
J. Ilja Siepmann, University of Minnesota

Panel Discussion

14:45 Break

SESSION III — INSTRUMENTATION FOR CHARACTERIZATION

15:00 **Jeff Reimer**, University of California, Berkeley
Craig Brown, National Institute of Standards and Technology
Heather C. Allen, The Ohio State University
Marek Pruski, Iowa State University

Panel Discussion

16:30 Break

16:45 **G. Brian Stephenson**, Argonne National Laboratory

17:15 **Mark R. Antonio**, Argonne National Laboratory

17:45 Open session adjourn



August 23, 2018
Meeting Room: 208

08:45 **Doors Open**

09:00 **Welcome and Introduction**
Joan Brennecke, Chair

SESSION IV — STATISTICAL METHODS AND FLUID DYNAMICS

09:40 **Greg Voth**, University of Chicago
Jeff Morris, The City College of New York
Jaehun Chun, Pacific Northwest National Laboratory

Panel Discussion

10:00 Break

SESSION V — MACHINE LEARNING AND DATA SCIENCE OPPORTUNITIES FOR SEPARATIONS

10:15 **Heather Kulik**, Massachusetts Institute of Technology (via Zoom)
Roger Rousseau, Pacific Northwest National Laboratory (via Zoom)
Marilu Dick-Perez, Iowa State University (via Zoom)
Andrew Peterson, Brown University

Panel Discussion

SESSION VI — DEFECTS

11:30 **Christy Landes**, Rice University

12:30 Adjourn Open Session