

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

**Board on Chemical Sciences and Technology
Chemical Sciences Roundtable**

500 Fifth Street, NW
Washington, DC 20001

Mesoscale Chemistry

A Workshop by the Chemical Sciences Roundtable

November 6, 2014 – November 7, 2014 - Washington, DC

*agenda is subject to change

November 6, 2014

1:00 – 1:10 Introduction to Workshop and Topic – Jennifer Curtis

Session 1: Overview

Chair: Jennifer Curtis

1:10 – 1:50 General Overview Talk
Plenary Speaker: George Whitesides (invited)

Session 2: Catalysis

Chair: Bruce Garrett

1:50 – 2:10 Talk 1:
Speaker: Andrew Borovik (confirmed)

2:10 – 2:30 Talk 2:
Speaker: Wendy Shaw (confirmed)

2:30 – 2:50 Talk 3:
Speaker: Yi Lu (confirmed)

2:50 – 3:10 Talk 4:
Speaker: Cynthia Jenks (confirmed)

3:10 – 3:30 Talk 5:
Speaker: Peter Stair (confirmed)

3:30 – 3:40 Panel Discussion

3:40 – 3:50 Break

Session 3: Membrane behavior/Microchemical Systems

Chair: Vernon Anderson

3:50 – 4:10 Talk 1:
Speaker: Erwin London (confirmed)

4:10 – 4:30 Talk 2:
Speaker: Aaron Wheeler (confirmed)

4:30 – 4:50 Talk 3:
Speaker: Benjamin Wilhite (confirmed)

4:50 – 5:00 Panel Discussion

5:00 Workshop Day 1 Adjourns



November 7, 2014

Session 1: Biomineralization/Geochemical

Chair: Patricia Thiel

9:00 – 9:20 Talk 1:
 Speaker: Pupa Gilbert (confirmed)
9:20 – 9:40 Talk 2:
 Speaker: John Spencer Evan (confirmed)
9:40 – 10:00 Talk 3:
 Speaker: Jim DeYoreo (confirmed)
10:00 – 10:20 Talk 4:
 Speaker: Alex Gagnon (confirmed)
10:20 – 10:40 Talk 5:
 Speaker: Andrew Madden (confirmed)
10:40 – 10:50 Panel Discussion

11:00 – 12:30 Lunch on your own

Session 2: Computational/Chemical Processes in Self-Assembly

Chair: Miguel Garcia-Garibay

12:30 – 12:50 Talk 1:
 Speaker: William Noid (confirmed)
12:50 – 1:10 Talk 2:
 Speaker: Todd Yeates (confirmed)
1:10 – 1:30 Talk 3:
 Speaker: Klaus Schulten (confirmed)
1:30 – 1:50 Talk 4:
 Speaker: Sharon Glotzer (confirmed)
1:50 – 2:10 Talk 5:
 Speaker: Gregory Voth (confirmed)
2:10 – 2:20 Panel Discussion

Closing Discussion

2:20 – 3:00 Open Discussion

3:00 Workshop Day 2 Adjourns