CNMS UEC Agenda – Thursday, February 9, 2017
12:00 pm Eastern Time

Participants (attendees in blue)
Chair – Lane Martin (U. California, Berkeley)
Vice-Chair – Eric Formo (U. Georgia)
Secretary – Yang Zhang (U. Illinois)
At-Large Members:
Alex Belianinov (ORNL/CNMS); Valentino Cooper (ORNL); Kathrin Dörr (MLU Halle-Wittenberg); Ben Lawrie (ORNL); Matthew McDowell (Georgia Tech); Adam Moule (U. California, Davis); Evgheni Strelcov (NIST)
Past Chair, *ex officio* member – Molly Kennedy (Clemson U.)
CNMS (non-members) – Tony Haynes, Brad Lokitz, Sandy Lowe

Summary of outputs needed from this meeting:

- ORNL/CNMS plenary speakers- all confirmed
- CNMS-centric topics for 2 sessions at the user meeting
  - Set topics based on abstract submissions (subject areas will cover the 4 themes of CNMS)
    - Directed Nanoscale Transformations
    - Interface Directed Assembly
    - Electromechanical Phenomena
    - Heterogeneities in Low-D Materials
- UEC Members and CNMS Theme Leads: provide 2 recommendations for invited speakers and indicate which theme area. Would like 2-3 possible speakers for each area (deadline to Lane/Eric by Feb. 14)
- Timing of the CNMS UEC meeting and Town Hall meeting

- **2017 Neutron and Nano User Meeting** update: (Lane, Eric, Molly)
  - Aug. 1-2; Save the date and plan on attending!
  - Meeting format – finalized as follows:
    - Monday July 31, 2017 - **Workshop Day 1**
      - Morning – Workshops I-III running in parallel
      - Afternoon – Workshops IV-VI running in parallel
    - Tuesday Aug. 1, 2017 – **Meeting Day 1**
      - Morning
        - Posters
        - Welcome from ORNL + CNMS + SNS Management
        - Plenary Slot 1 – Science 1 (outside)
        - Plenary Slot 2 – Science 2 (outside)
        - Plenary Slot 3 – Science 3 (ORNL)
      - Midday
        - Lunch
        - CNMS/SNS Tour (by sign-up)
        - CNMS UEC Meeting
      - Afternoon – Sessions (2 invited/35m; 6 contributed/20m + break/15m)
        - Session 1 – Joint Session
      - Theme: Hard functional materials – Covering structure, phenomena, etc. in bulk, film, nano-versions of things like ferroelectrics, thermoelectrics, superconductors, PV, batteries, etc.
        - Session 2 – CNMS-centric
          - Theme:
          - Speaker:
        - Session 3 – SNS-centric

- Wednesday Aug. 2, 2017 – **Meeting Day 2**
  - Morning
    - Plenary Slot 4 – Science 4 (outside)
    - Plenary Slot 5 – Science 5 (outside)
    - Plenary Slot 6 – Science 6 (ORNL)
  - Midday
    - Lunch
    - Microscopy and HFIR Tour (by sign-up)
    - CNMS Town Hall
  - Afternoon – Sessions (3 invited/35m; 9 contributed/20m)
    - Session 4 – Joint Session
    - Session 5 – CNMS-centric
      - Theme:
      - Speaker:
    - Session 6 – SNS-centric
- Thursday, Aug. 3, 2017 - **Workshop Day 2**
  - Morning – Workshops VII-IX running in parallel
  - Afternoon – Workshops X-XII running in parallel

- **Speakers**: *(list of speakers and status to be posted in dropbox folder)* – Lane
  - Plenary → 6 total: 2 from 'facilities'; 2 picked by SHUG; 2 picked by CNMS
    - Two CNMS plenaries confirmed, plus Hans for CNMS update
    - One SHUG plenary confirmed; one pending; plus Alan for SNS update
- **CNMS-centric Sessions and Speakers:**
  - Based on abstract submissions. Topics will cover the 4 themes of CNMS
  - Joint Sessions with SHUG will be broad:
    - Hard functional materials – Covering structure, phenomena, etc. in bulk, film, nano-versions of things like ferroelectrics, thermoelectrics, superconductors, PV, batteries, etc.
    - Soft and Bio Materials Function and Dynamics – Covering things like electronic, ionic, dynamic, etc. effects in soft materials and interfaces
- **CNMS Themes from 2016**
  - Directed Assembly of Materials/Interfaces
  - Observing and Controlling Matter at the Nanoscale
  - Electronic and Ionic Processes
- **Update on proposal submission porta**l – nothing new (Tony)
- **Suggestion Box** – no new submissions (Tony)

Next Conference Call: March 9, Thursday, 12:00pm, Eastern Time
User Meeting Subcommittee: February 23, Thursday, 12:00pm, Eastern Time