Center for Enhanced Nanofluidic Transport (CENT)
Energy Frontiers Research Center – Department of Energy
Kickoff Meeting Agenda
Friday, 16th November 2018
Kay Boardroom 1107, Kim Building, The University of Maryland, College Park

8:00am  Registration Check in, continental breakfast, poster setup

9:00am  Welcome and Introduction
Michael S. Strano, Scientific Director of CENT EFRC, Carbon P. Dubbs Prof. MIT
Professor YuHuang Wang, Deputy Scientific Director of CENT EFRC
Dr. Laurie E. Locascio, Vice President for Research, University of Maryland

9:15am  Overview of CENT: the Knowledge Gaps and the Scientific Structure of CENT
Michael S. Strano, Scientific Director of CENT EFRC, Carbon P. Dubbs Prof. MIT

9:45am  Scientific Overview by Thrust Area and Emerging, Initial Collaboration Plan
Thrust 1 - Understanding Emergent Confinement Effects, Dr. Alex Noy, Lawrence Livermore National Laboratory

10:05am  Thrust 2 - Quantifying Ion Correlation, Dissipation, and Solvation Phenomena
Professor Zuzanna Siwy, University of Riverside, Irvine

10:25am  Thrust 3 - Engineering Selectivity for Chemical Separations, Professor Mark Reed, Yale University

10:45am  Coffee Break

11:15am  CENT Management Structure and Logistics
Michael S. Strano, Scientific Director of CENT EFRC, Carbon P. Dubbs Prof. MIT

11:40am  Group Photo, outside Kim Building

11:45am  Publications and the Department of Energy Guidelines, Dr. Alex Noy, Lawrence Livermore National Laboratory
12:00pm  Information Technology and CENT
Ananth Rajan, MIT

12:10pm  Working Lunch
12:10pm  Keynote Address: Lessons Learned, EFRC Management
Gary Rubloff, Director of NEES EFRC & Distinguished University Professor,
University of Maryland

1:00pm  Poster Session (note that posters will be numbered. Presenters for posters with odd numbers should stay with their posters for the first half hour and even numbers for the second half. The purpose is to give everyone a chance to see others’ posters)

2:00pm  Thrust breakout sessions (plus coffee break)
–updated collaboration plans, focusing on synergy, needs for expertise/capabilities
Thrust 1 – Kay Boardroom 1107, Leader: Noy
Thrust 2 – Kay Boardroom 1111, Leader: Siwy
Thrust 3 – Pepco Room 1105, Leader: Reed

3:30pm  Reports from Thrust Breakout, 10 min each (Thrust leader) – focused on synergy; Collaborative Examples for t = 0; 10min x 4 and discussion
Chair: M. Reed

4:30pm  Sam Faucher, CENT review article
General Discussion and cross-thrust matters; plan for March meeting etc, Chair:
Professor YuHuang Wang

4:45pm  Synthesis: Michael S. Strano, Scientific Director of CENT EFRC, Carbon P. Dubbs
Concluding Remarks: Professor YuHuang Wang, Deputy Scientific Director of CENT EFRC
Meeting Adjourned

5:00pm  Optional: Lab/facility tour / campus tour / individual collaboration discussions

6:00pm  Dinner - Old Maryland Grill at The Hotel, tentative (all invited)
Internet access code: rgottialazaj

Contact:
Local staff support:
   Jasmine Penny (jpenny1@umd.edu; 301-405-1813)
   Dr. Alex Brozena
MIT office / Sam Faucher
Lodging – 30 room night block at The Hotel (7777 Baltimore Ave, College Park, MD 20740. Tel: 301-277-7777)
Make reservation at https://reservations.travelclick.com/107316?groupId=2405724

Airports
Local Map (with The Hotel and The Kim Building marked)

The Hotel
7777 Baltimore Ave, College Park, MD 20740. Tel: 301-277-7777

Visitor parking
Regents Parking Garage (roof level)
8051 Regent Drive, College Park, MD 20742
(Note that The Hotel also has a parking garage and is complimentary for dinner)

Meeting Location
Kay Boardroom 1107, Kim Building, The University of Maryland, College Park

Local restaurants (in The Hotel and there are many other choices within 5 minute walk both directions on route 1)