

**Center for Enhanced Nanofluidic Transport (CENT)  
Energy Frontiers Research Center – Department of Energy**

**Kickoff Meeting Agenda**

Friday, 16<sup>th</sup> 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)

Regent Parking Garage  
(visitor parking on the  
roof level)

Kim Building  
(meeting place)



The Hotel

### [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)

