



Energy Technologies Area

Better Plants Technology Days – Berkeley Lab

Wednesday, April 10, 2019

Building 66 Auditorium, Lawrence Berkeley National Laboratory

- 9:00 – 9:20 AM **Welcome, Opening Remarks, and Introduction to Lawrence Berkeley National Laboratory (Berkeley Lab)**
- Horst Simon, Berkeley Lab Deputy Director for Research
- 9:20 – 9:35 AM **Leveraging the National Labs**
- Ravi Prasher, Associate Lab Director, Energy Technologies Area
- 9:35 – 9:45 AM **DOE Remarks**
- Eli Levine, DOE Advanced Manufacturing Office
- 9:45 – 9:50 AM **Overview of the Day**
- Prakash Rao, Research Scientist, Building Technology and Urban Systems Division
- 9:50 – 10:30 AM **Scientific Panel: Introduction to Reacting Flow Applications (Combustion) and Data Center Energy Management**
- Vi Rapp, Research Scientist, Building Technologies and Urban Systems Division – *Reacting Flow Applications*
 - Steve Greenberg, Senior Energy Management Engineer, Building Technologies and Urban Systems Division – *Data Centers*
- 10:30 AM – 11:00 PM **Scientific Panel: Advanced Biofuels and Bioproducts Process Development Unit and developing industry partnerships at Berkeley Lab**
- Todd Pray, Chief Strategic Partnerships Officer, Strategic Partnerships Office – ABPDU
- 11:00 – 11:15 AM **Travel to Cafeteria**
- 11:15 – 11:30 AM **Group picture outside Cafeteria**
- 11:30 AM – 1:00 PM **Lunch in Cafeteria**



Energy Technologies Area

- 1:00 – 1:15 PM **Travel to FLEXLAB ®/Building 50B/Building 70**
- 1:15 – 2:00 PM **Tour of FLEXLAB ®, Building 50B Room 1275 Data Center, or Reacting Flow Applications Lab (Building 70)**
(first round of tours)
- Cindy Regnier, Executive Director, FLEXLAB ®, Building Technologies and Urban Systems Division – FLEXLAB ®
 - Steve Greenberg – Data Centers
 - Vi Rapp – Reacting Flow Applications
- 2:00 – 2:15 PM **Travel to FLEXLAB ®/Building 50B/Building 70**
- 2:15 – 3:00 PM **Tour of FLEXLAB ®, Building 50B Room 1275 Data Center, or Reacting Flow Applications Lab (Building 70)**
(second round of tours)
- Cindy Regnier – FLEXLAB ®
 - Steve Greenberg – Data Centers
 - Vi Rapp – Reacting Flow Applications
- 3:00 – 3:15 PM **Travel to Building 66**
- 3:15 – 4:00 PM **Scientific Panel: Next generation strategies featuring Data Visualization and CinderBio of Cyclotron Road**
- Hari Krishnan, Computer Systems Engineer, Computational Research Division – Data Visualization
 - Jill Fuss, Founder and CTO – CinderBio
- 4:00 – 4:30 PM **Scientific Panel: Technical Assistance featuring 50001 Ready and Water Efficiency**
- Peter Therkelsen, Research Scientist, Building Technologies and Urban Systems Division – 50001 Ready
 - Prakash Rao – Water Efficiency
- 4:30 – 5:00 PM **Debrief and discussion**