

## **Tuesday, January 26**

Evening: **\*\*Chairs and Leads Pre-Meeting\*\***

## **Wednesday, January 27**

7:30 – 8:30 Registration

8:30 – 8:40 Welcome & Introductions

8:40 – 9:15 Genesis of this Meeting, Barb Helland, ASCR

9:15 – 9:50 View from Fusion Energy Sciences – John Mandrekas, FES

9:50 – 10:30 Exascale Review Status Updates – Chairs and Session Leaders

10:30 – 10:45 Break

10:45 – 12:10

- ASCR Computing Facilities Presentation

12:10 – 1:00 Working Lunch

- ASCR Computing Facilities Presentation
- Charge to Working Groups

1:00 – 4:00 Breakout Sessions:

- Magnetic Fusion Energy Sciences
  - o Turbulence & Transport
  - o MHD & Energetic Particles
  - o RF Heating & Current Drive
  - o Whole Device Modeling (cross-cutting)
  - o V&V (cross-cutting)
- Materials Science
  - o Plasma Surface Interactions
  - o Structural Materials
- Discovery Plasma Science
  - o General Plasma Science
  - o High Energy Density Laboratory Plasmas
  - o Low Temperature Plasmas

4:00 – 4:15 Break

4:15 – 5:30 Q&A Session with the FES and ASCR Associate Directors

5:30 – 6:15 Breakout leads present key questions and issues discussed in each session

6:30 Dinner on your own

### **Thursday, January 28**

8:00 – 8:30 Check-In

8:30 - 9:15 Summary from the chairs, outline of report

9:15 – 9:45 Breakouts, Discuss and Start Outlining Sections

9:45 – 10:00 Break

10:00 – 12:10 Breakouts, Discuss and Start Outlining Sections

- Magnetic Fusion Energy Sciences
  - o Turbulence & Transport
  - o MHD & Energetic Particles
  - o RF Heating & Current Drive
  - o Whole Device Modeling (cross-cutting)
  - o V&V (cross-cutting)
- Materials Science
  - o Plasma Surface Interactions
  - o Structural Materials
- Discovery Plasma Science
  - o General Plasma Science
  - o High Energy Density Laboratory Plasmas
  - o Low Temperature Plasmas

12:10 – 1:00 Working Lunch

1:00 – 4:00 Breakout Sessions: Developing Outlines

- Magnetic Fusion Energy Sciences
  - o Turbulence & Transport
  - o MHD & Energetic Particles
  - o RF Heating & Current Drive
  - o Whole Device Modeling (cross-cutting)
  - o V&V (cross-cutting)
- Materials Science
  - o Plasma Surface Interactions
  - o Structural Materials
- Discovery Plasma Science –
  - o General Plasma Science
  - o High Energy Density Laboratory Plasmas

- Low Temperature Plasmas

4:00 – 4:20 Break

4:20 – 5:20 Reports on Wednesday Breakouts, Breakout Leads, 15 minutes each

5:20 – 5:45 Summary and Thanks from Chairs

**\*\* End for Most Participants\*\***

### **Friday, January 29**

All Day: **\*\* Co-chairs, Leads, Writers meet to continue working on report**