

New England Space Science Consortium (NESSC) Meeting

Wednesday October 24, 2012 11:00 AM – 4:30 PM

UNH/Room 330/332 Memorial Union Building

Durham, NH

The focus of the meeting will be "**Coronal mass ejections and Associated Phenomena**". *Our program schedule is listed below.* We are planning to discuss topics such as the geometry, temperature structure and composition of CMEs near the Sun as observed remotely by coronagraphs, UV, EUV and X-Ray imagers, and near the Earth as observed remotely by heliospheric imagers and as measured in situ, the acceleration of particles by CME-driven shocks in the corona and in the interplanetary space, as well as discussions regarding the presence of a pre-existing flux rope, the cause of CME initiation and the origin of the SEP seed particles.

If you are interested in coming to the meeting, please email nlugaz@guero.sr.unh.edu.

10:45-11:00 Welcome

11 AM Start of the meeting

11:00 Yingna Su (CfA): **Observations and Modeling of the Source Regions of CME**

11:15 Antonia Sacheva (BU/CfA): **Pre-eruption Behavior of Sigmoid Regions**

11:35 Hui Tian (CfA): **Spectroscopic Observations of CMEs**

11:50 Kathy Reeves (CfA): **TBD**

12:05-1:20: Lunch

1:20 Ray Fermo (BU): **Reconnection in ICMEs?**

1:35 Christina Kay (BU): **CME Coronal Deflection**

1:55 Kamen Kozarev (BU): **CME + SEPs?**

2:15 Matt Gorby (UNH): **SEP**

2:30-2:50 Discussion 1

2:50-3:10 Break

3:10 Noé Lugaz (UNH): **Filling the Sun-Earth Void**

3:25 Dave Webb (BC): **TBD**

3:40 Chuck Smith (UNH): **Weak Shocks and Strong CMEs**

3:55 Charlie Farrugia and/or Wenyuan Yu (UNH): **TBD (probably small ICME-like transients)**

4:15/4:20 - 4:30: Final Discussion