Agenda for the Session: Electrostatics In Space!

Time	Activity	Time
8:30-9:00	Registration	(30 min)
9:00- 10:40	Introduction of Workshop Team/ Workshop agenda/EIS Academy Is Space Empty? Cloud Chamber Demonstration & Activity & Discussion	100 min
10:40 - 10:50	BREAK	(10 min)
10:50-11:20	Where do the particles/plasma originate ? (Photons, charged Particles & Plasma) Discuss solar wind/ CME's/other stars GCR (Galactic Cosmic Rays) CME's, SPE (Solar Particle Events)	30 min
11:20 - 11:40	SOHO Activity to determine size and speed of CME https://sohowww.nascom.nasa.gov/classroom/cme_activity.html SOHO clip of CME: https://sohowww.nascom.nasa.gov/classroom/cme_activity.html	20 min
11:40 - 12:30	Plasma Investigations with: Spectrum tubes w/power source Plasma Balls SOHO and SDO as resources	40 min
12:30- 1:15	Lunch	45 min
1:15 - 2:10	Aurora Explained (Dawn of the North Link) Kinesthetic Activity Magnetometer in a Bottle SOFIA Magnetometer Clip	55 min
2:10 -2:50	Define Electrostatics Electrostatics Effects Discussion on how things move electrostatically	40 min

2:50 - 3:10	**Electrostatic Effects on Hubble Demo** **Fun Flyers** **& Discussion**	**30 min**
3:10 - 3:20	**Break**	**10 min**
3:20 - 4:05	**Electrostatic effects on Human Physiology** **Definitions sheet** **View clip: "Could We Survive Prolonged Space TraveL?"** **https://www.youtube.com/watch?time_continue=26&v=upp9-w6GPhU**	**45 min**
4:05 - 4:20	**Discussion on how to use the tools in the classroom**	**15 min**
4:35 - 4:50	**EIS/Yerkes Future Plans & Programs, Resources** **EIS Academy Opportunities, and Evaluation**	**25 min**
	Total Instructional Time	**6.5 hrs**