

SunDC 2018 – Solar Physics in the Washington Area

Theme: ExoPlanet Space Weather

Location: Parson's Auditorium, JHU/APL, 11100 Johns Hopkins Rd, Laurel, MD 20723

Date: 17 May 2018

Visitor Info: <http://www.jhuapl.edu/aboutapl/visitor/directions.asp>

Agenda

Start	End	Title	Speaker
8:50	9:00	Introduction/Logistics	Vourlidis/Kwon
9:00	9:30	Stellar Flares & Planet Habitability	Osten
9:30	10:00	Stellar Coronal Mass Ejections and their Impact on Exoplanet Habitability"	Crosley
10:00	10:30	Small stars, small planets, and prospects for habitability	Schlieder
10:30	11:00	Coffee Break	
11:00	11:30	One Year in the Life of the Young Sun	Airapetian
11:30	12:00	Stellar wind and EUV driving of upper atmosphere heating and mass loss	Garcia-Sage
12:00	12:30	UV flares and assumed particles from M dwarfs	Youngblood
12:30	13:30	Lunch	
13:30	14:00	Sun-As-A-Star Observations of Solar Flares	Milligan
14:00	14:30	The Deflection of Coronal Mass Ejections and the Effect on the Rate of Exoplanet Impacts	Kay
14:30	15:00	Extreme CMEs and Energetic Particles	Gopalswamy
15:00	15:30	Coffee Break	
15:30	16:00	Extreme Events	Savani
16:00	16:30	MHD Models of a Superflare and Associated Carrington-Scale CME Event from the Young Sun	Lynch
16:30	17:00	Discussion: "How Can Solar & Space Physics help exoplanet studies?"	All
17:00		Meeting Adjourned	

- Talks are ~15 min + 15 min discussion. Please come with questions. We want to have a lively exchange.
- Please park at the visitor's parking on the left as you approach Building 1 (see link above).
- We are planning a 'Happy Hour' session at Looney's Pub after the end of the meeting for those staying late.