

Boulder Solar Day

6 Nov. 2025

HAO's Center Green

Speaker	Institute	Title	Duration	Start Time
Holly Gilbert & BSD	HAO	Introductions & Welcome	0:15	8:30 AM
<i>Chair: Rebecca Centeno</i>				
Craig DeForest	SWRI	Ejections and Wind Streams and Comets, Oh My! (First Results and New Data from PUNCH)	0:40	8:45 AM
Cherilynn Morrow	SWRI	NASA PUNCH Public Engagement Program - Lessons Learned Regarding Outreach Embedded in a Scientific Research Setting	0:20	9:25 AM
Cole Tamburri	NSO	Investigating solar flare fine structure with high-resolution, high-cadence DKIST observations	0:20	9:45 AM
<i>Morning Break-Posters</i>			0:30	10:05 AM
<i>Chair: Alessandra Pacini</i>				
Tom Berger	HAO	Update on the Mauna Loa Solar Observatory: status and future plans	0:20	10:35 AM
Matthias Rempel	HAO	Simulation of an X-Class Flare with MURaM	0:20	10:55 AM
David Boboltz	NSO	NSF Daniel K. Inouye Solar Telescope: Recent Science Results and Operational	0:20	11:15 AM
Rahul Yadav	LASP	Probing Flare-Driven Dynamics in the Lower Solar Atmosphere with DKIST	0:20	11:35 AM
<i>Lunch</i>			1:45	11:55 AM
<i>Chair: Sam Van Kooten</i>				
Gilly Gilbert	SWRI	Making the Faint Corona Visible: Enhancing EUV Images with the Radial Histogram Equalizing Filter (RHEF)	0:20	1:40 PM
James Mothersbaugh III	CIRES	New GOES-R Solar Irradiance Data Products	0:20	2:00 PM
Robert Jarolim	HAO	Tomographic Reconstructions of Coronal Mass Ejections with Physics-Informed Neural Radiance Fields	0:20	2:20 PM
<i>Afternoon Break-Posters</i>			0:20	2:40 PM
<i>Chair: Christoph Keller</i>				
Jordan Guerra	CIRES	Moving towards Probabilistic Geoelectric Fields in Space Weather Operations	0:20	3:00 PM
Zihao Yang	HAO	Measuring the Coronal Magnetic Field with 2D Coronal Seismology: A Forward-Modeling Validation	0:20	3:20 PM
Yuta Notsu	LASP	X-ray Spectral Characteristics and Chromospheric Line Broadenings with the High Time Resolution Multi-Wavelength Observation Campaign of M-dwarf Flares	0:20	3:40 PM
<i>Reception</i>			1:00	4:00 PM
<i>Adjourn</i>				5:00 PM