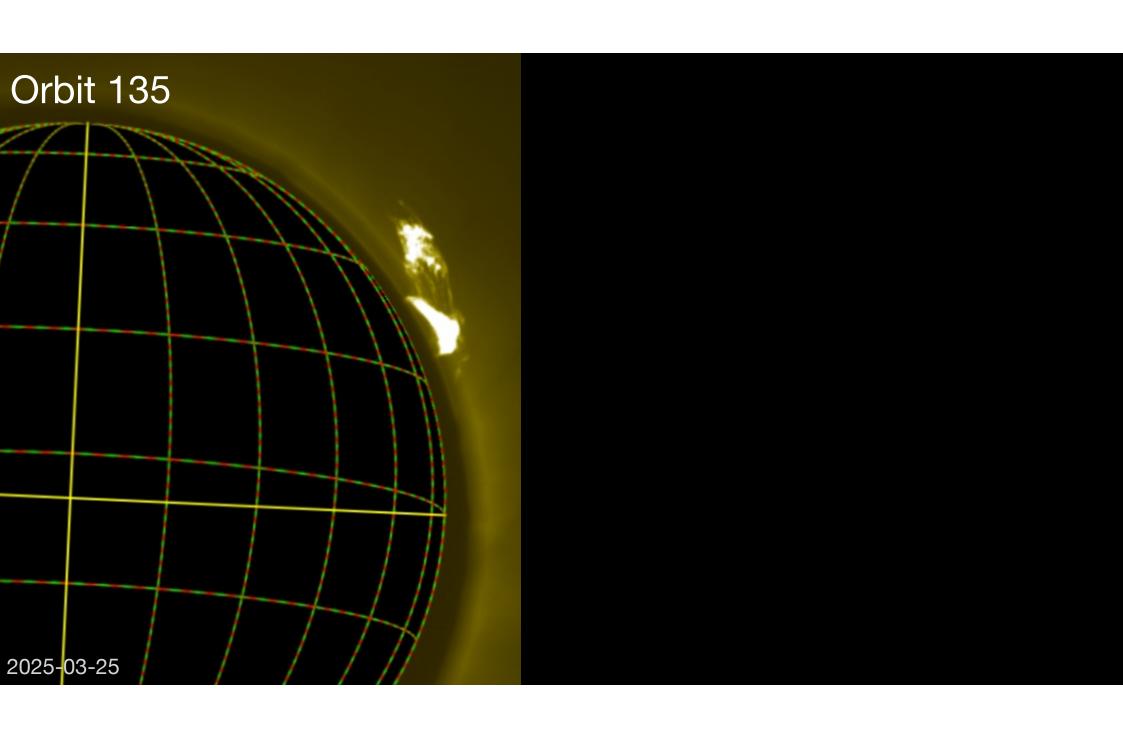
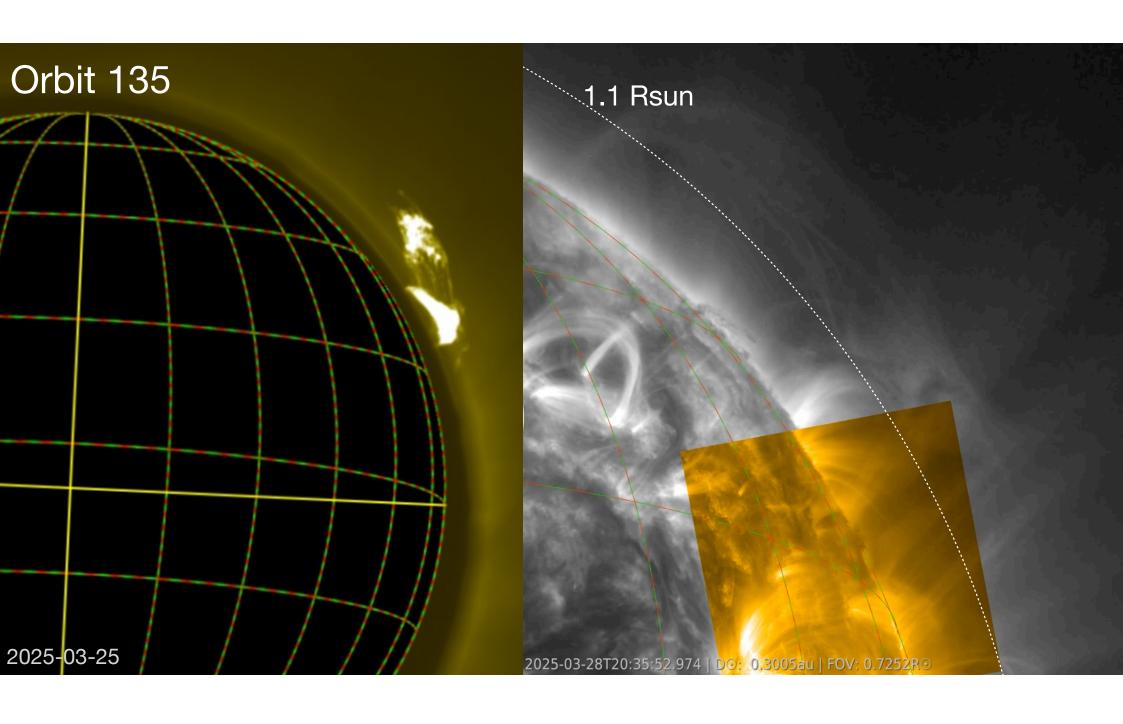
EUI & ASPIICS alignments

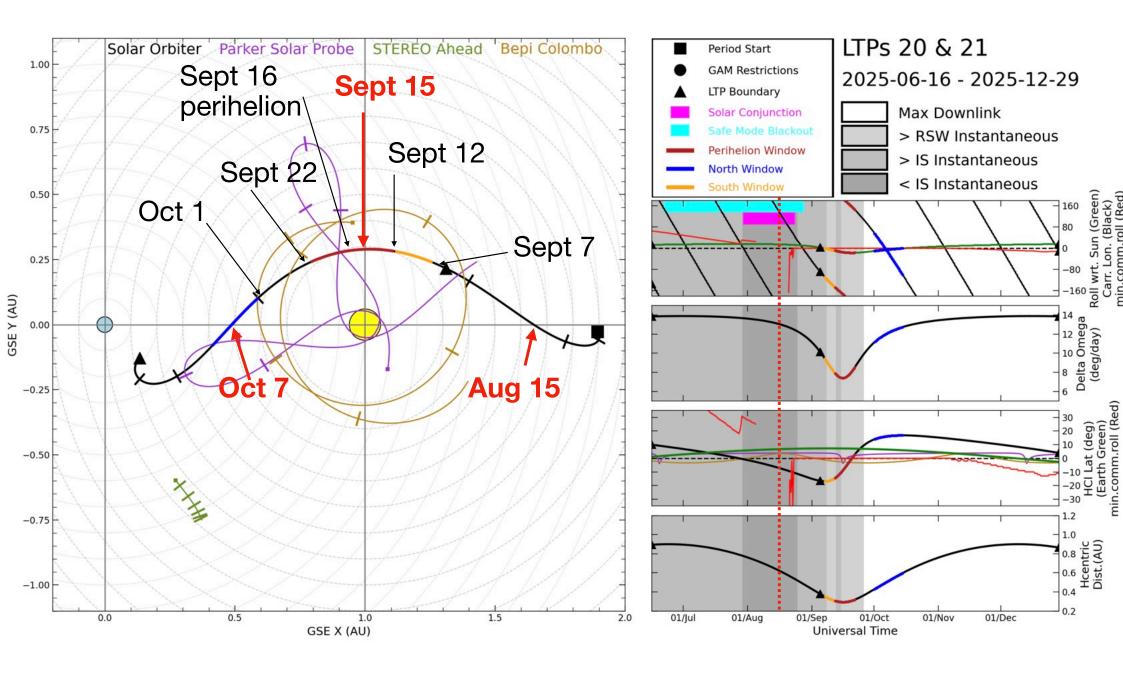
Opportunities for joint observations

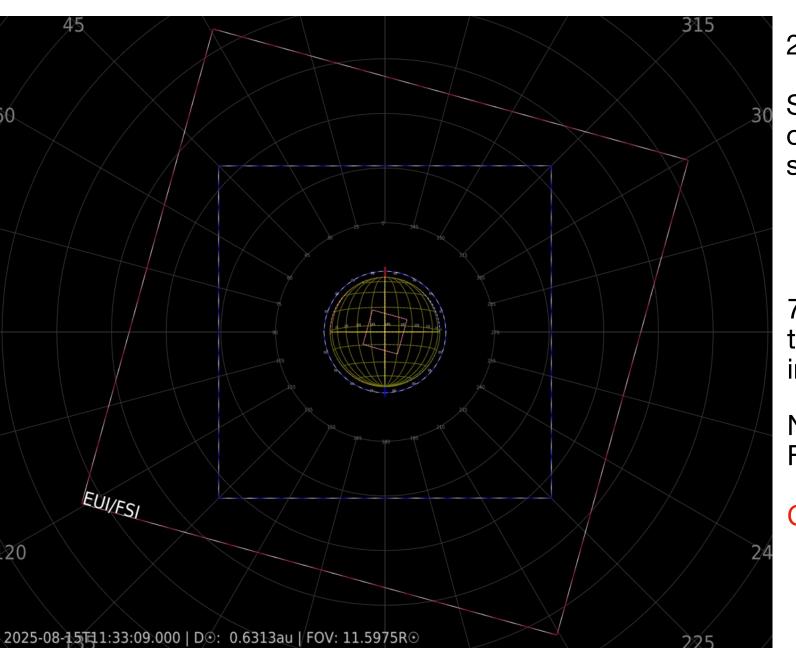


David Berghmans - Proba-3 ASPIICS SWT 2025 June ROB









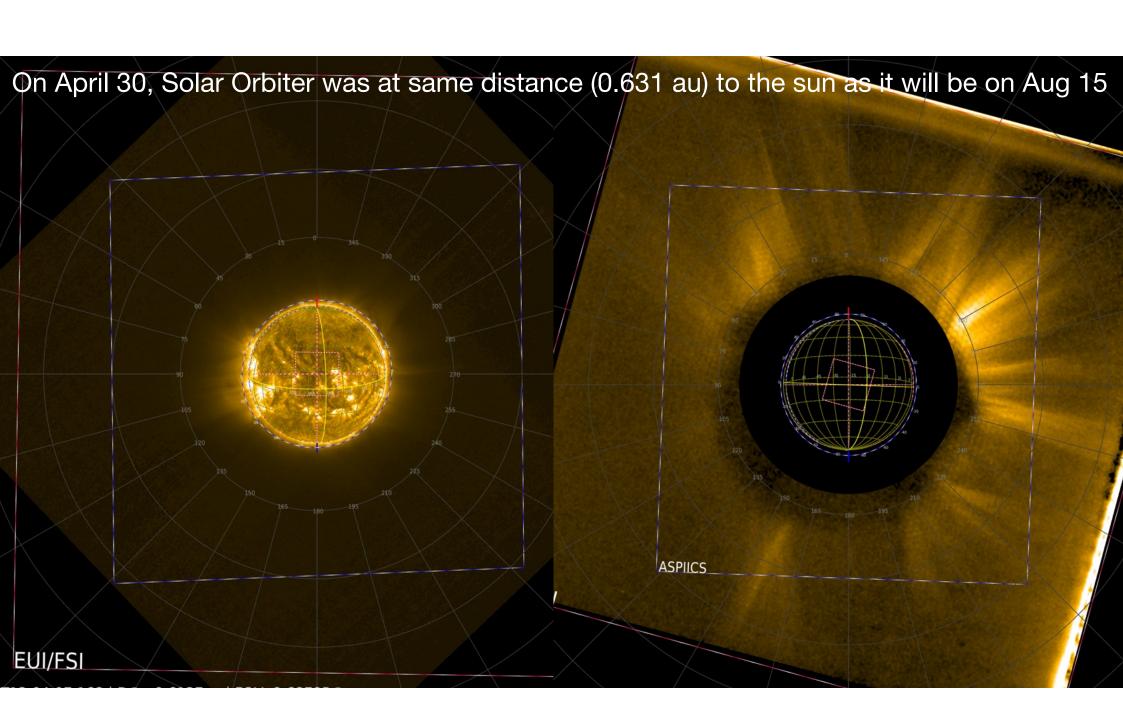
2025-08-15

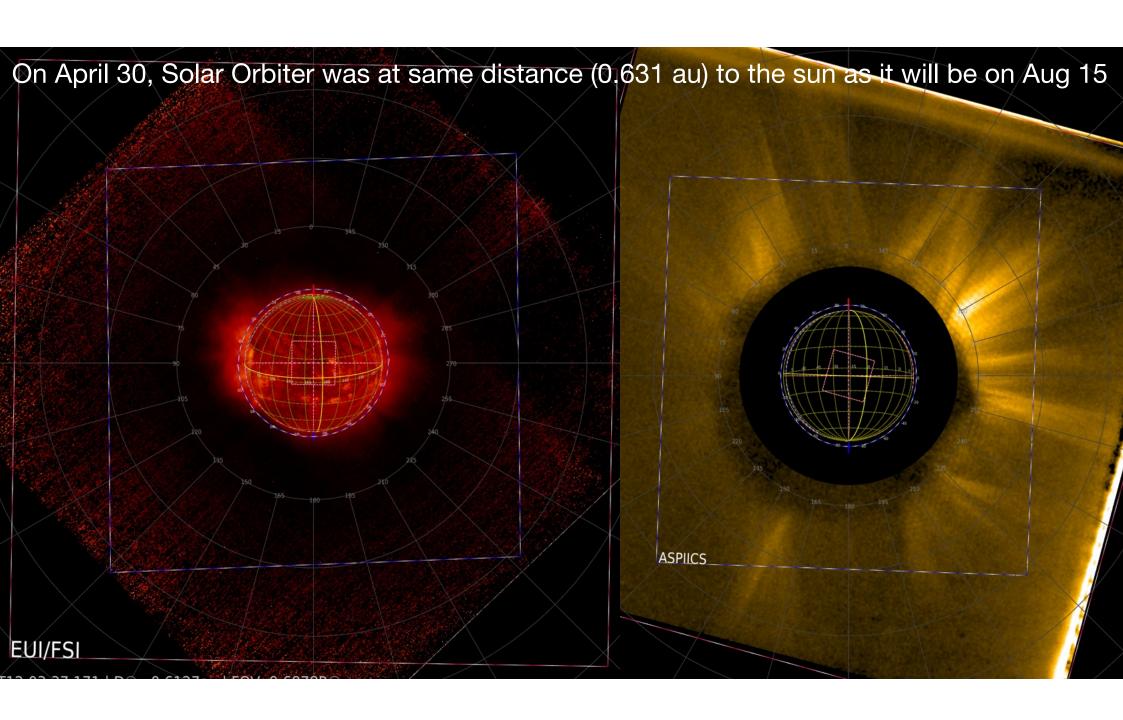
Solar Orbiter aligned in opposition with Earth, same lat, long+180

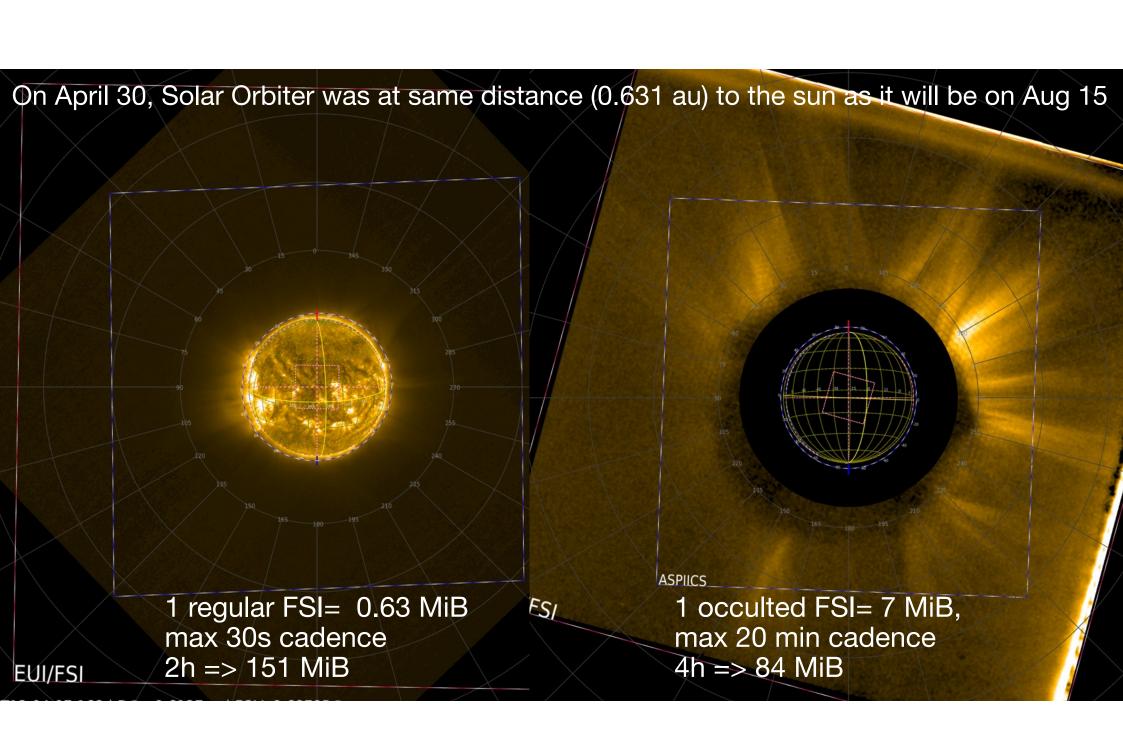
775 MiB to spend, more than what we can produce in 6h!

No off-pointing FSI only

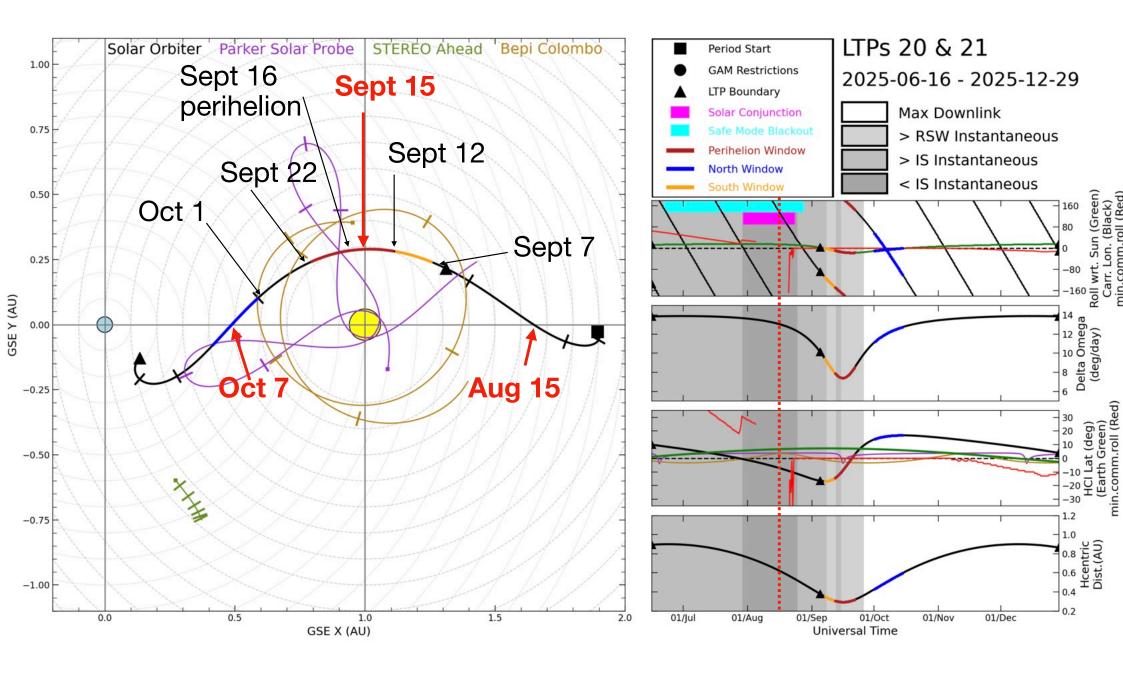
Command upload: July 8







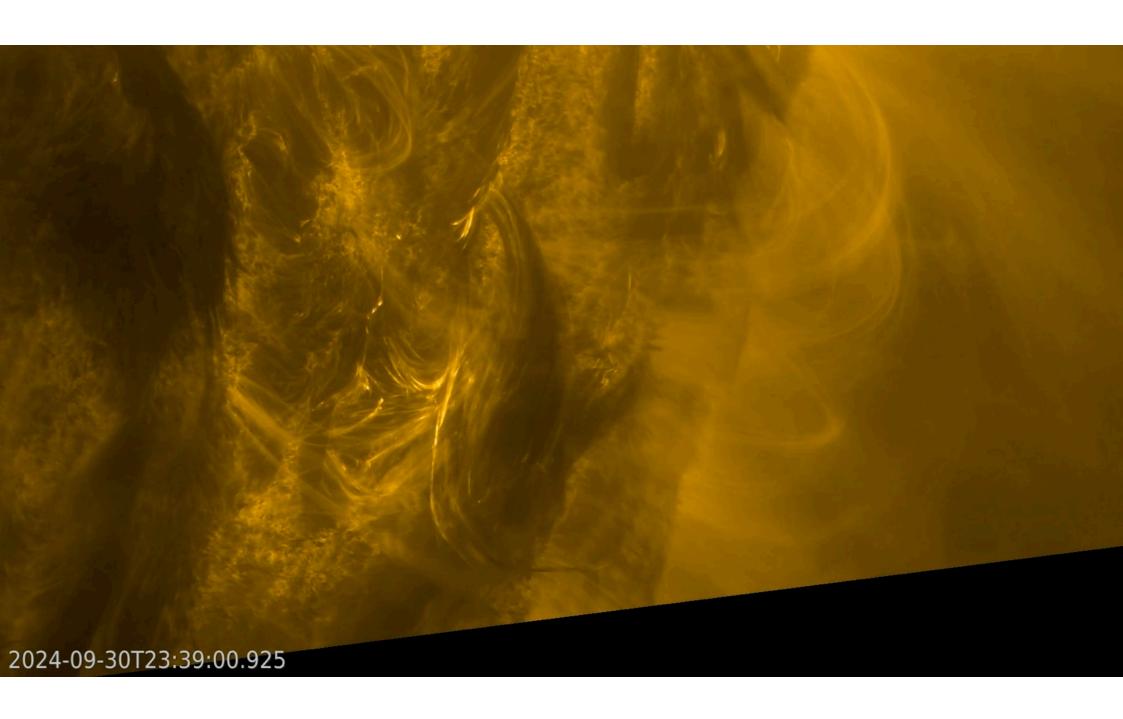
0308	2025 Aug 14 05:39:45	2025 Aug 14 08:39:45	2025 Aug 14 11:39:45		3:39:45
0309	2025 Aug 15 01:19:29	2025 Aug 15 04:19:29	2025 Aug 15 07:19:29	SolO-P3 alignment 15/08 02:10, uGMRT + MWA 02:30-05:30	
0310	2025 Aug 15 20:59:11	2025 Aug 15 23:59:11	2025 Aug 16 02:59:11		
0311	2025 Aug 16 16:38:50	2025 Aug 16 19:38:50	2025 Aug 16 22:38:50		

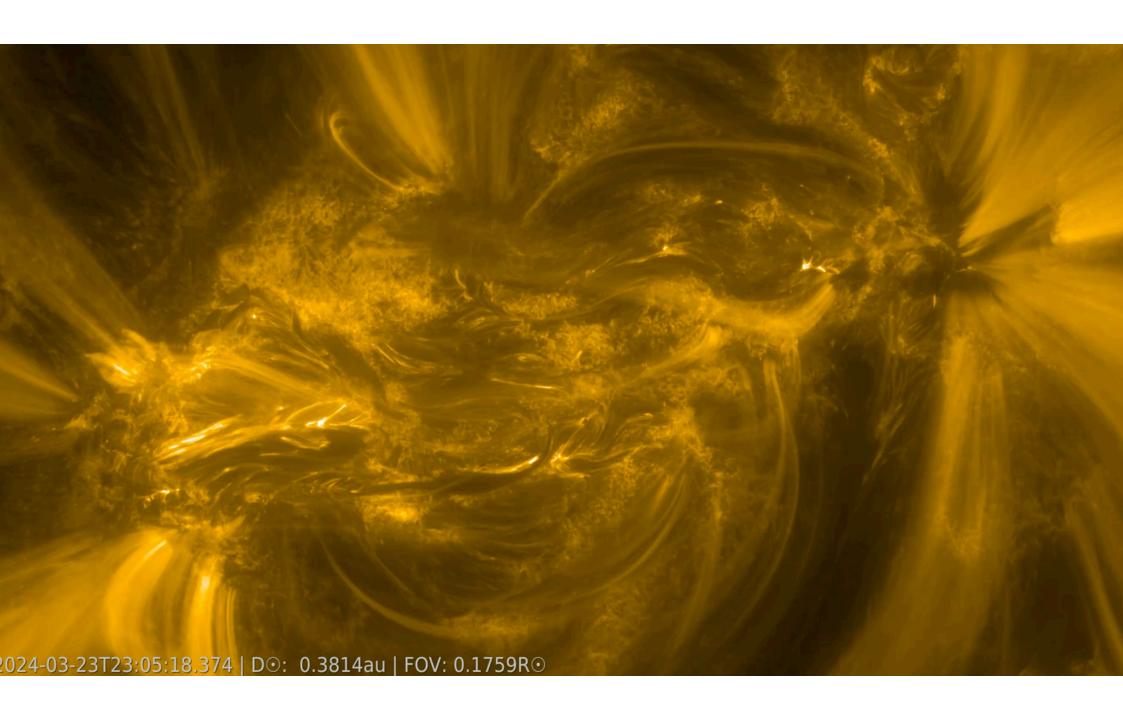


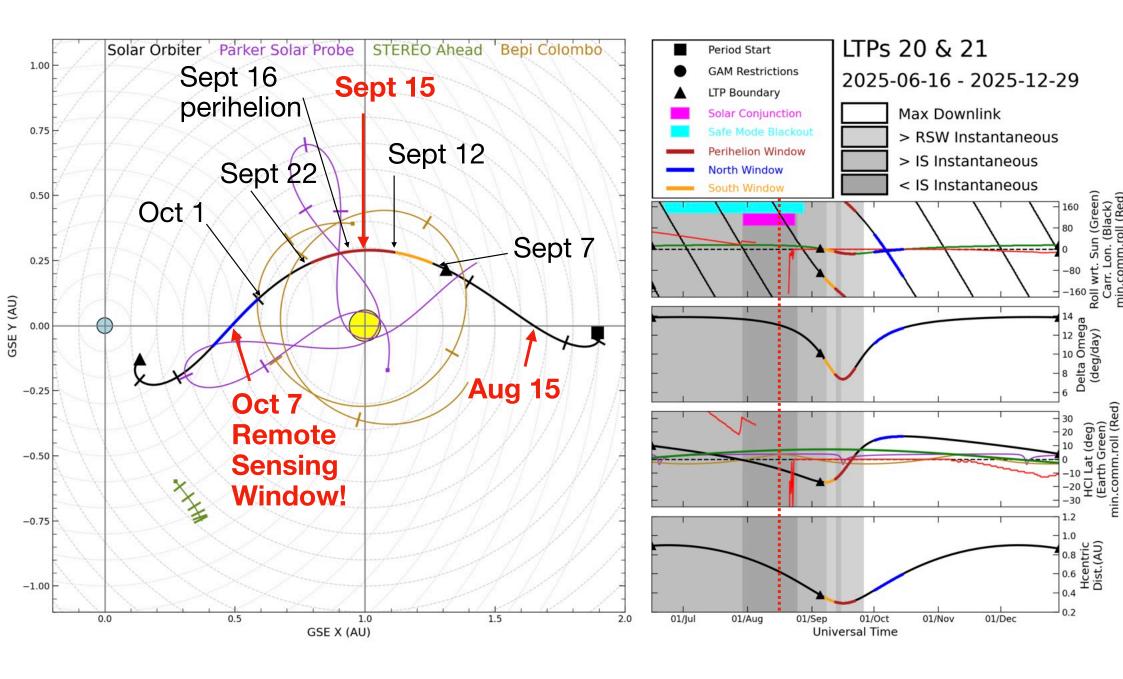
0345	2025 Sep 13 13:09:21	2025 Sep 13 16:09:21	2025 Sep 13 19:09:21	Coronal sources SolO before super-quadrature	2:20:39
0346	2025 Sep 14 08:48:58	2025 Sep 14 11:48:58	2025 Sep 14 14:48:58	Coronal sources PSP before super-quadrature	6:00:00
0347	2025 Sep 15 04:28:36	2025 Sep 15 07:28:36	2025 Sep 15 10:28:36	Super-quadrature with PSP and SolO 15/09 07:00, uGMRT + MWA 04:30-07:30	2:28:36
0348	2025 Sep 16 00:08:13	2025 Sep 16 03:08:13	2025 Sep 16 06:08:13	uGMRT + MWA 02:30-05:30	
0349	2025 Sep 16 19:47:52	2025 Sep 16 22:47:52	2025 Sep 17 01:47:52	Coronal sources PSP before quadrature	
0350	2025 Sep 17 15:27:33	2025 Sep 17 18:27:33	2025 Sep 17 21:27:33		0:02:27
0351	2025 Sep 18 11:07:16	2025 Sep 18 14:07:16	2025 Sep 18 17:07:16	PSP-P3 quadrature 18/09 07:48	4:22:44
0349 0350	2025 Sep 16 00:08:13 2025 Sep 16 19:47:52 2025 Sep 17 15:27:33	2025 Sep 16 03:08:13 2025 Sep 16 22:47:52 2025 Sep 17 18:27:33	2025 Sep 16 06:08:13 2025 Sep 17 01:47:52 2025 Sep 17 21:27:33	uGMRT + MWA 02:30-05:30 Coronal sources PSP before quadrature	0:0

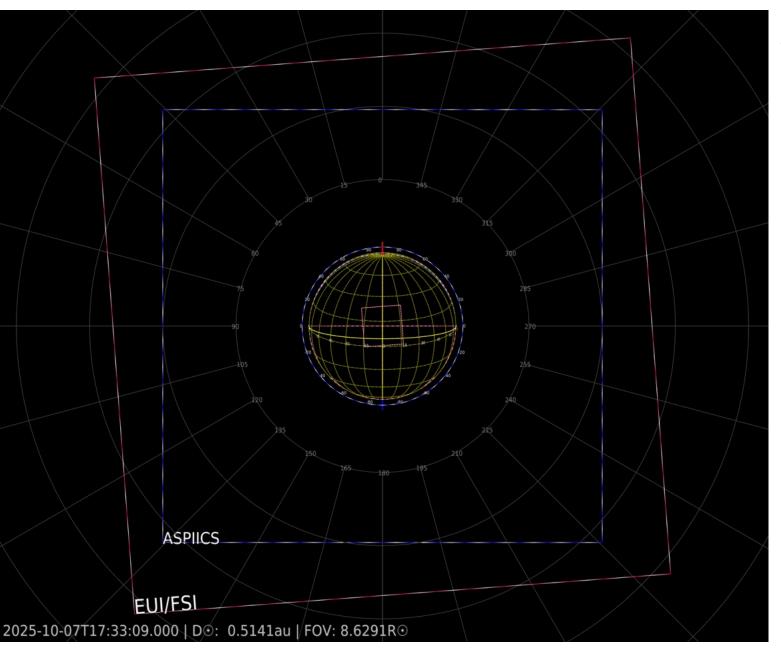
Nanoflares quiet Sun	13th September	13th September
Major Flare (instance 1/3)	13th September	13th September
Density fluctuations with HRI support	14th September	15th September
RS Burst, target active region	15th September	15th September
Major Flare (instance 2/3)	16th September	16th September
Major Flare (instance 3/3)	17th September	17th September
Coronal Dynamics	18th September	22nd September
Pole to Pole	18th September	22nd September

Solar Orbiter coordination deadline: SOWG July 8 -10 Command upload: end August

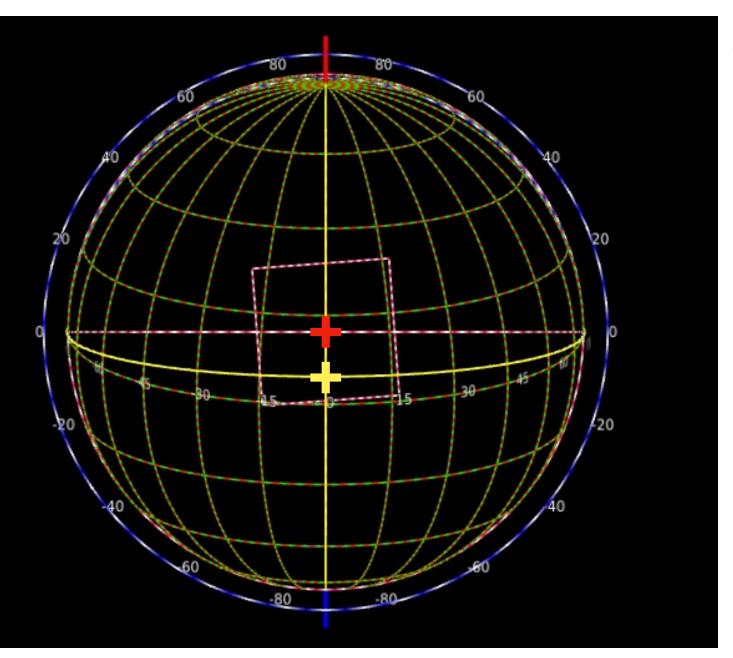








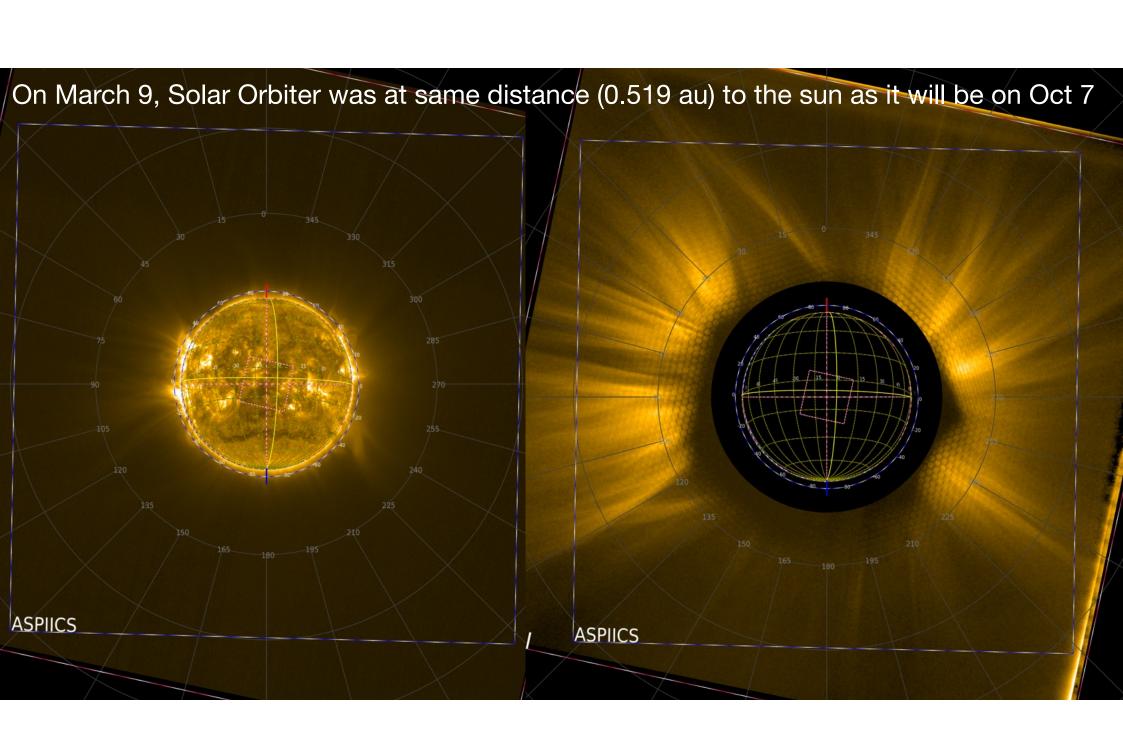
2025-10-07 Solar Orbiter aligned with Earth in longitude, not latitude

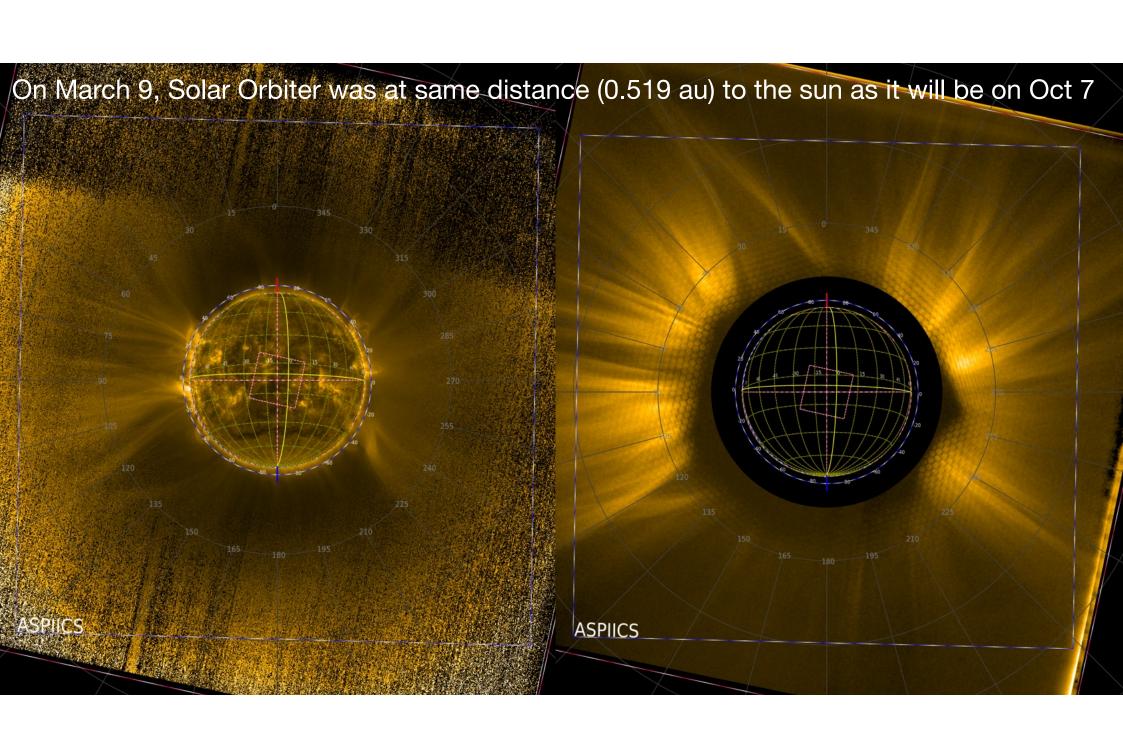


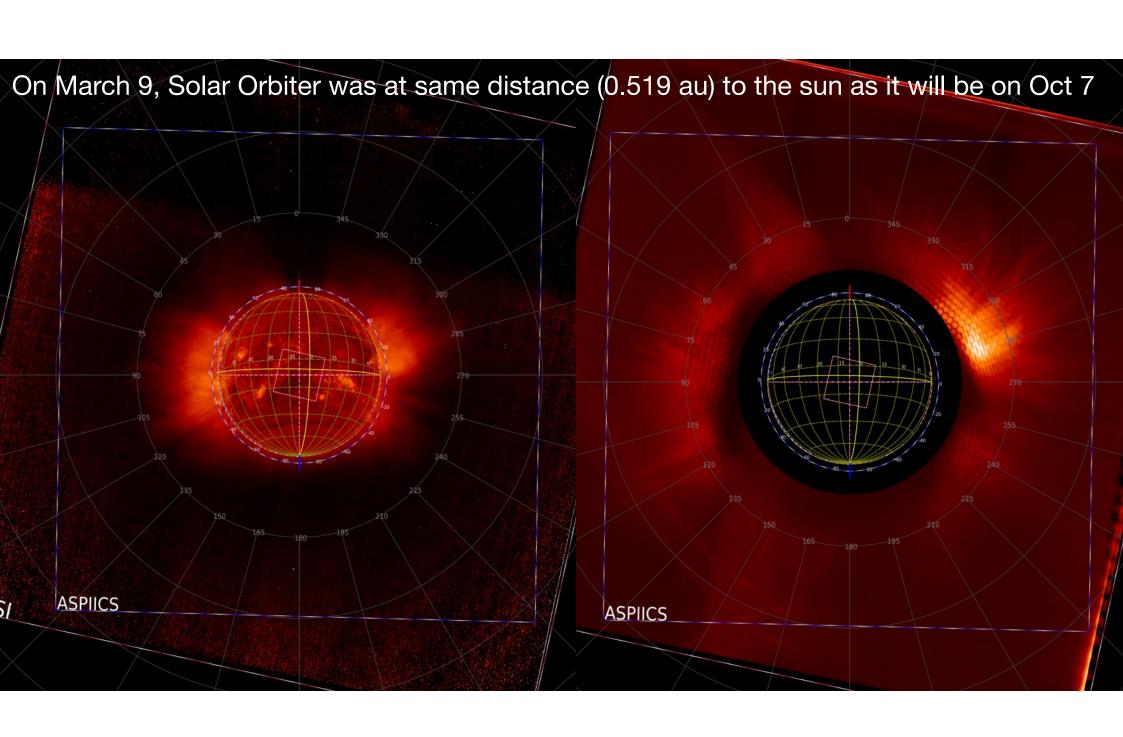
2025-10-07 Solar Orbiter aligned with Earth in longitude, not latitude

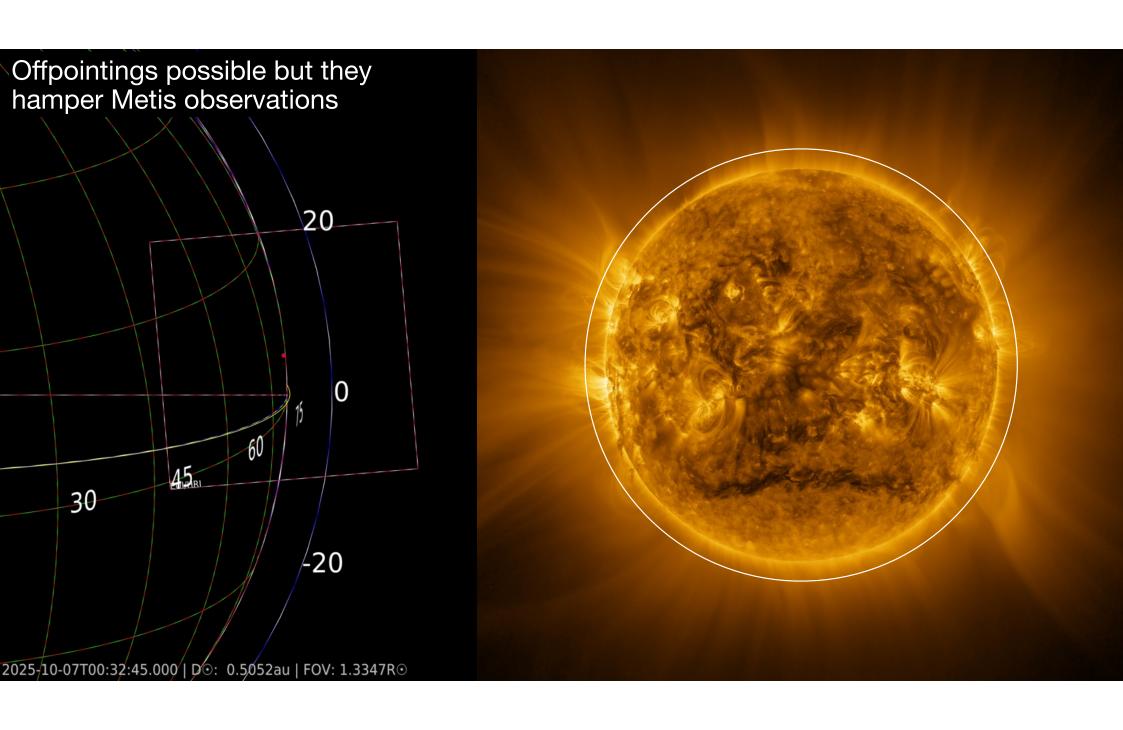
Solar Orbiter at +16 deg lat

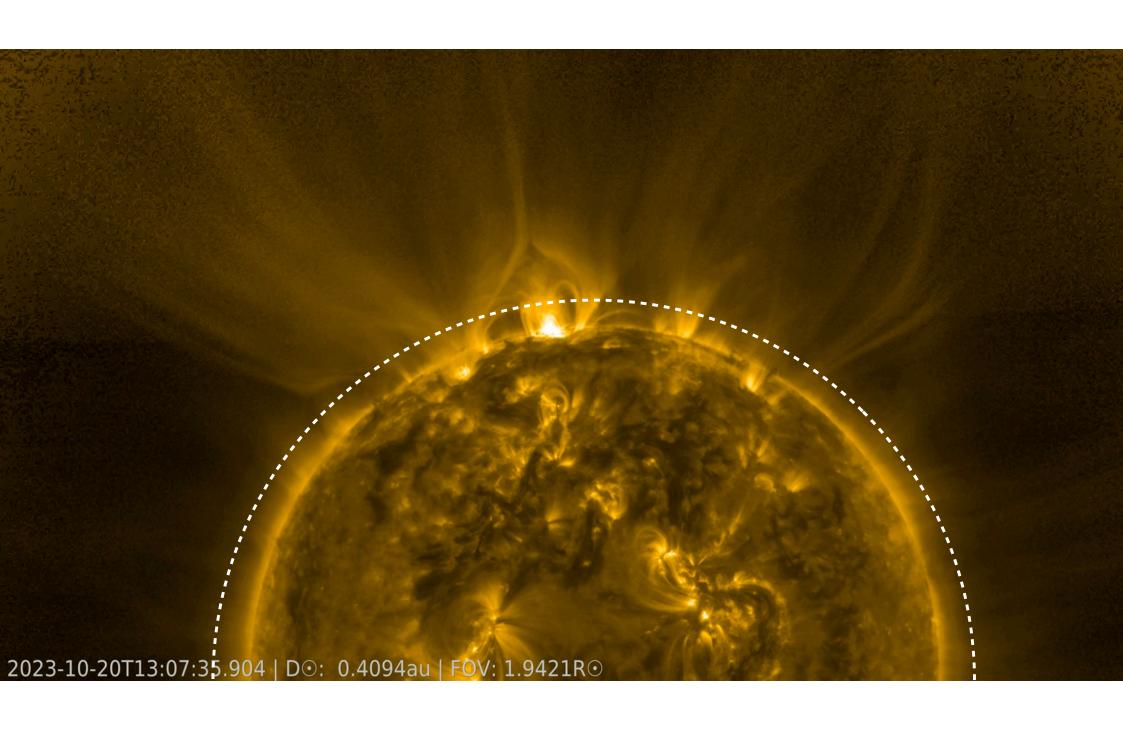
Earth at +6deg lat

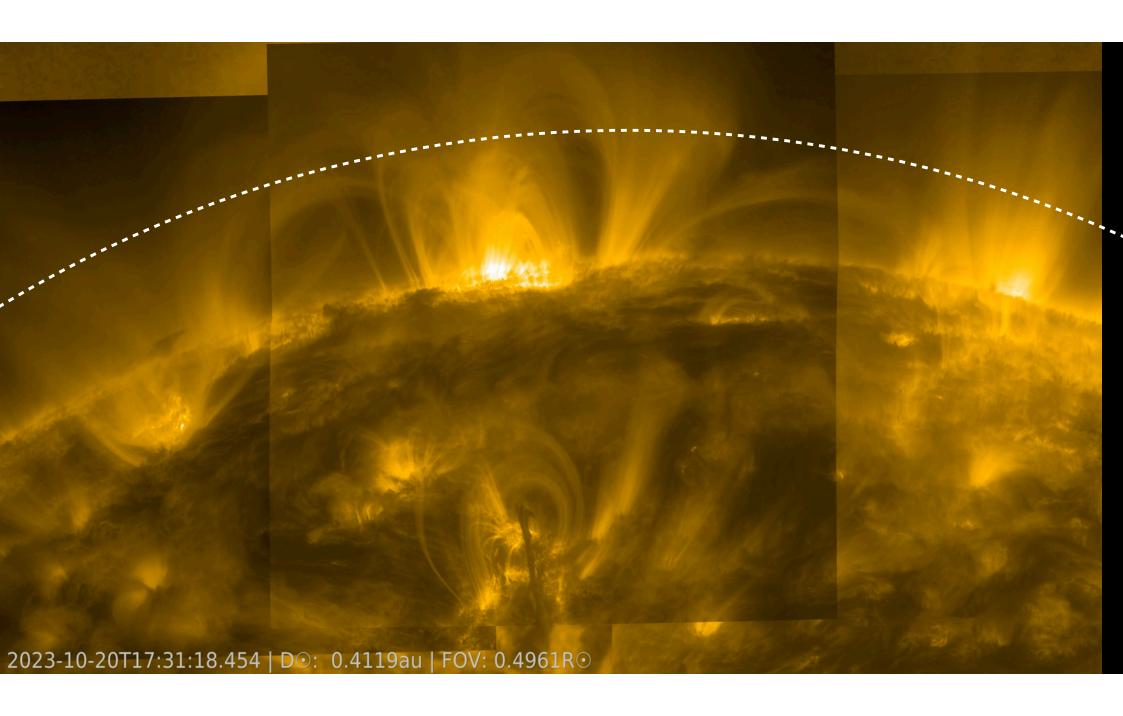


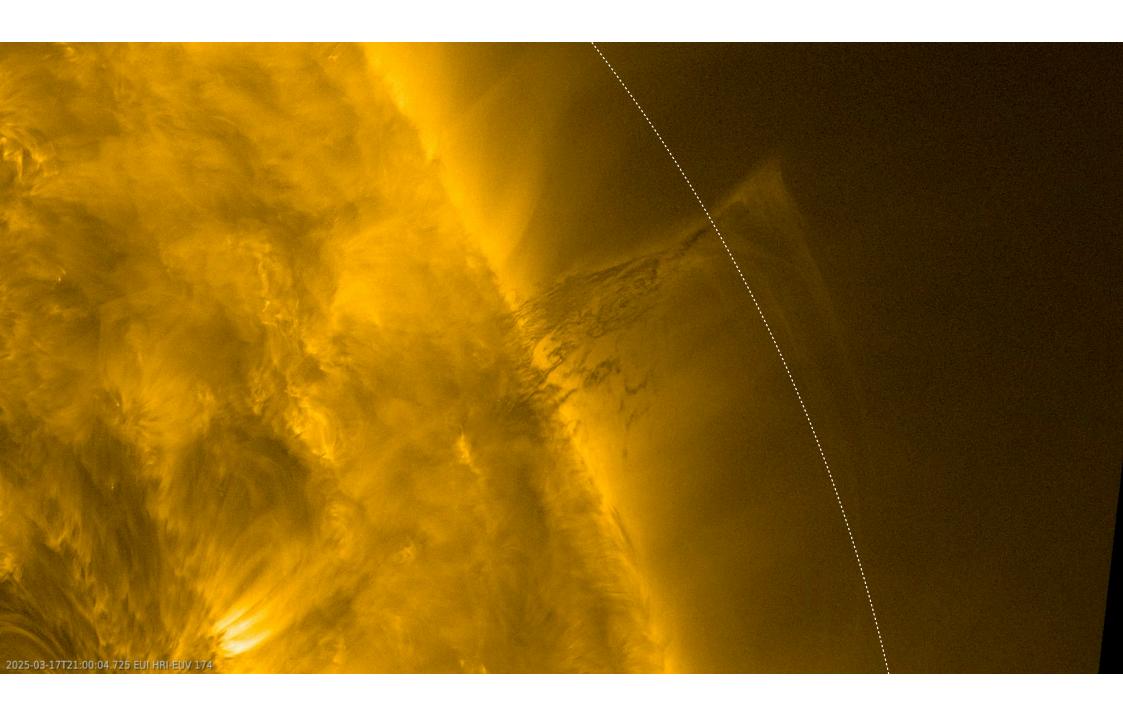












2025 Oct 05 16:01:14	2025 Oct 05 19:01:14	2025 Oct 05 22:01:14		
2025 Oct 06 11:41:00	2025 Oct 06 14:41:00	2025 Oct 06 17:41:00	SolO-P3 near-alignment (9.8 deg, mostly in lat)	3:49
2025 Oct 07 07:20:46	2025 Oct 07 10:20:46	2025 Oct 07 13:20:46		5:20
2025 Oct 08 03:00:30	2025 Oct 08 06:00:30	2025 Oct 08 09:00:30		1:00
2025 Oct 08 22:40:12	2025 Oct 09 01:40:12	2025 Oct 09 04:40:12		

Coronagraphy orbit suggestions for FFAG

- Orbit 308 (Aug 14) and orbit 309 (Aug 15). EUI will take a mix of regular FSI304/FSI174 for low off-limb corona and FSI174-occulted for high off-limb corona. Commands are uploaded July 8.
- Orbit 346 (Sep 14) and orbit 347 (Sep 15). EUI will most likely participate in flare hunting and high-cadence active region campaigns.
- Orbit 373 (Oct 6) and Orbit 374 (Oct 7). Solar Orbiter aligned with ASPIICS.
 To be decided what we want to do.