



BBSO 2024 Summer School



Discussion & Concluding Remarks





CSI: Customer Satisfaction Index (1)

Choice of topics:	Too broad	Too narrow	Just right
		1 lecturer + 1 student	20 students
Did the lectures provide a good introduction to the topics?	Yes	No	Sort of
	17		4 – might have been better to provide more foundation. Some students were not so familiar with phenomena / features etc
Any of you inspired to look at these topics any further?	Yes	No	Maybe
	Most students		



CSI: Customer Satisfaction Index (2)

Tutorials:	Useful	NOT useful	Sort of
	Most. They will need access to the recordings		Would have been good to have more “individual / hands on” work to try – rather than prepared answers
Was the schedule :	Too dense	Too spaced	Just right
	Please do longer breaks !!!		Nice to have a continuous flow of info throughout the day

Next time: please let us go to the telescope and “observe” !



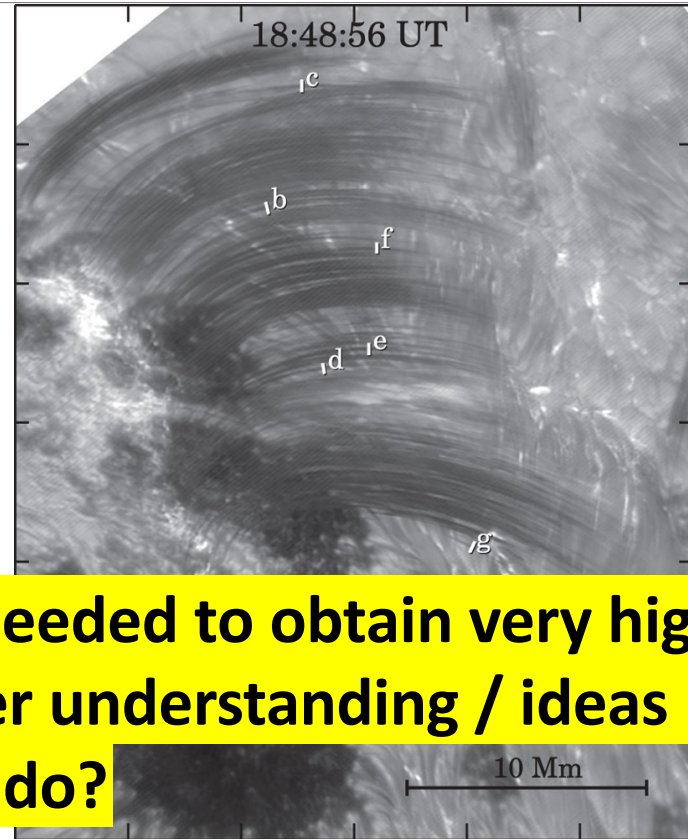
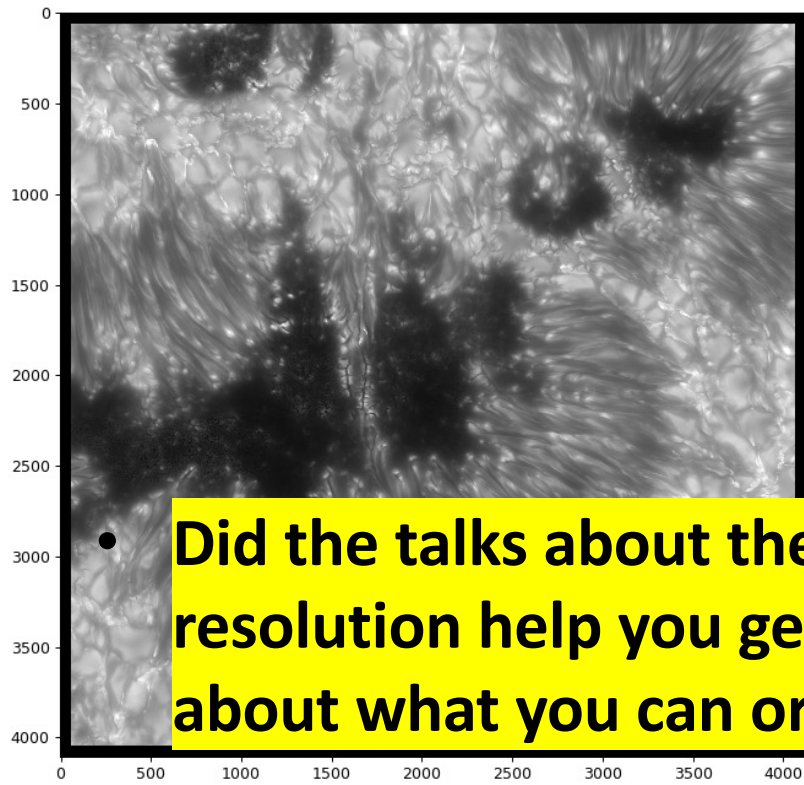
CSI: Customer Satisfaction Index (3)

Anything missing?

- E.g. time to interact with other students? *This was OK*
- Time to show/discuss your own work? *not really*
- Forgotten topics?
- *Inversions! Intro to optics (telescope + instruments)*



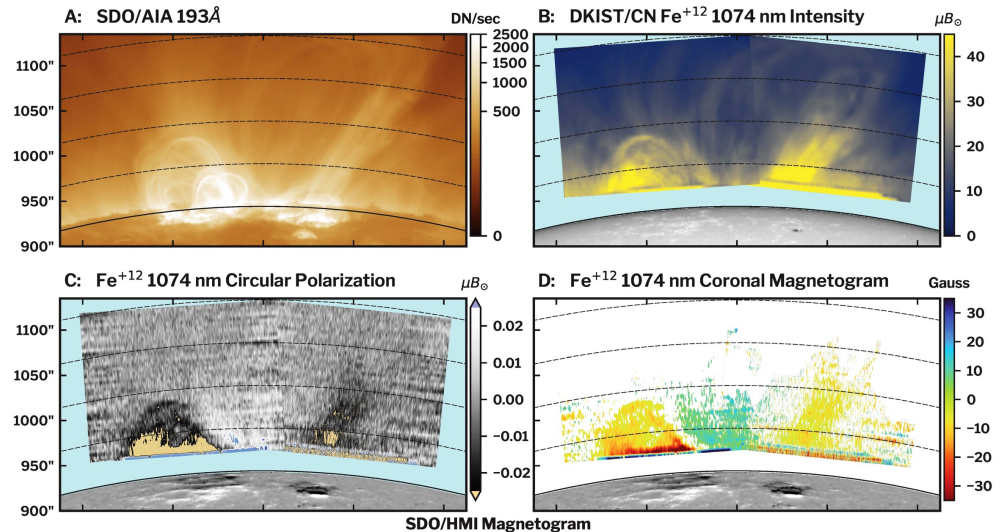
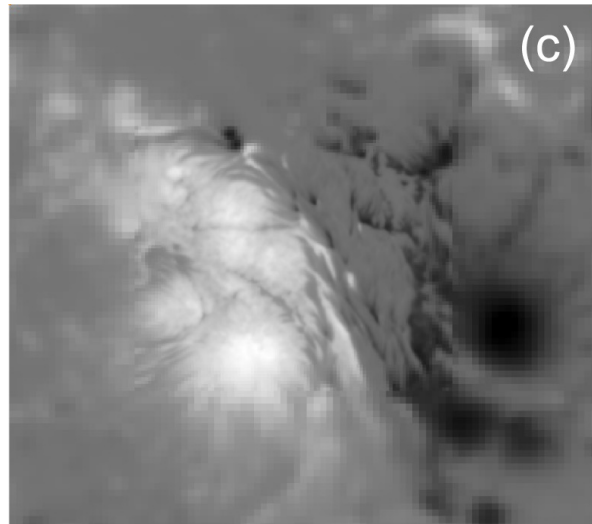
Unique diagnostics from GBOs:



• Did the talks about the steps needed to obtain very high resolution help you get a better understanding / ideas about what you can or cannot do?



Unique diagnostics from GBOs:



- Did the talks about polarimetry / magnetic fields determination help you get a better understanding / ideas about what you can or cannot do?



Data Access:

NSF DKIST Data Center Archive HELP & INFORMATION LOGIN

The DKIST Data Center Archive maintains an inventory of 870 datasets as of 2024/07/18 18:46:04 (UTC)

DKIST Dataset Known Issues
When working with DKIST datasets, please be aware of [the known issues](#).

Instruments
Filter datasets by instrument: VBI
ADD INSTRUMENT FILTER

Spectral Line
Filter datasets by spectral line: Choose instrument to filter lines: Choose spectral lines:
ADD SPECTRAL FILTER

Spatial
Filter by the upper and lower corners of a helio-projective cartesian spatial bounding box in arcseconds: Min x >= -1440° Min y >= -1440°

169 records(s) matching the current filter.

Downloads: There are no selected datasets.

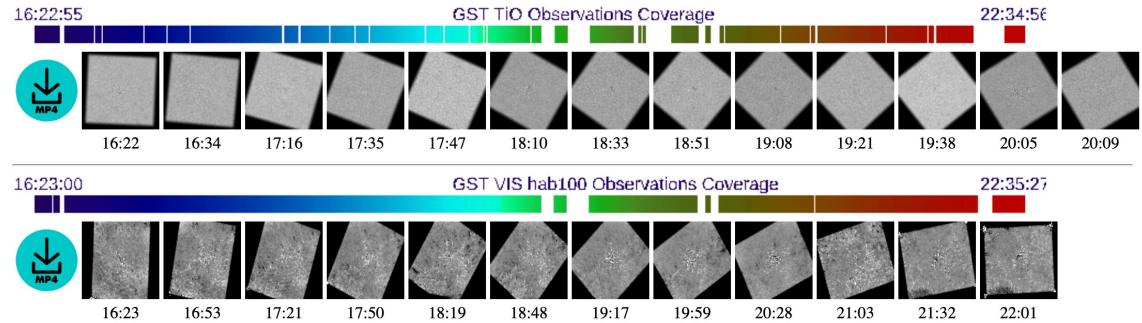
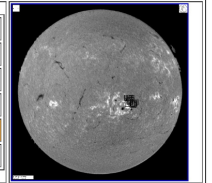
Proposal ID	Dataset ID	Description	Observation Wavelength (nm)	Dataset Observation Start/End (UTC)	Experiment Execution Date (UTC)	Instrument
pid_1_97	BLPND	The structure and behavior of the magnetic canopy in the chromosphere is one of the great ...	393.00 nm	2023/05/09 16:57:38	2022/06/10 17:43	VBI
pid_1_36	AOLZW	Recent studies have observed a plethora of MHD wave phenomena in magnetic features of vary...	393.00 nm	2023/05/09 16:55:03	2022/05/26 17:46	VBI
pid_1_97	AXVMZ	The structure and behavior of the magnetic canopy in the chromosphere is one of the great ...	430.00 nm	2023/05/09 16:53:48	2022/06/13 18:38	VBI
pid_1_97	AYVNG	The structure and behavior of the magnetic canopy in the chromosphere is one of the great ...	486.00 nm	2023/05/09 16:52:05	2022/06/13 18:38	VBI
pid_1_97	BPKSL	The structure and behavior of the magnetic canopy in the chromosphere is one of the great ...	486.00 nm	2023/05/09 16:51:59	2022/06/10 17:43	VBI

BBSO GST Data Page- 2024-05-23

[BBSO Archive and Observing Log](#)

[Next Day](#)

OBS TIME: 162301 - 223450 UT	TARGET: AR13685
OBSERVER: ng.ab.dg	NOTE: PI - Open
SEEING, DATA QUALITY ->	2 (chromospheric network, limb
Solar Monitor Page	Observer Log
No GST & IRIS Joint Obs	Heliviewer.org
NIRIS 1565nm QL Movie	



8/2/24



There are *many* resources out there

- Series of graduate-level, semester-long courses on solar physics topics. <https://nso.edu/students/collage/>
- Series of “Preparing for DKIST” schools (lectures & tutorials): <https://nso.edu/ncsp/ncsp-workshops/>
- HAO Polarimetry School (lectures & tutorials): <https://www2.hao.ucar.edu/events/workshop/spectropolarimetry-2022>



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thanks

