



Leibniz-Institut für
Astrophysik Potsdam

Overview Observations

Summer School SOLARNET

08 August 2019

Christoph Kuckein

Observations Summer School SOLARNET

All the information of the observations were added by the students to the online log.

Access to the log:

https://docs.google.com/document/d/18-1IAvTQrACHIRIqC_FYeUddILKakhSWBEaAp6AnTuw/edit?usp=sharing

Observations Summer School SOLARNET

August 08, 2019

GREGOR + VTT Observers: C. Kuckein, Philip Lindner, Andrei Gorobets, Hemanth Pruthvi, Mohammed Talafha, Daniele Calchetti, M. Benko, Theodosios Chatzistergos, Robert Jarolim, Matheus Kriginsky, Peter Zelina, Jose Ivan Campos Rozo, Antonio Jesus Dorantes Monteagudo, Galina Chikunova, Mariarita Murabito, Marta Garcia Rivas, Rolf Schlichenmeier and Nazaret Bello González

SOLARNET Summer School

Assistant: Karin Gerber

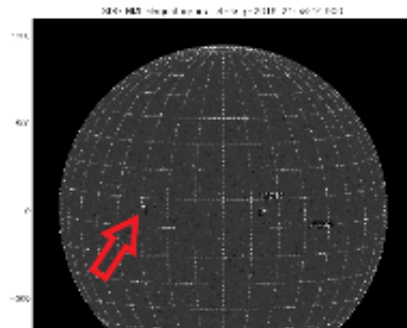
Setup:

HiFI - Ca II H (broad) and G-band 4307 Å

GRIS+IFU - 10830 Å range

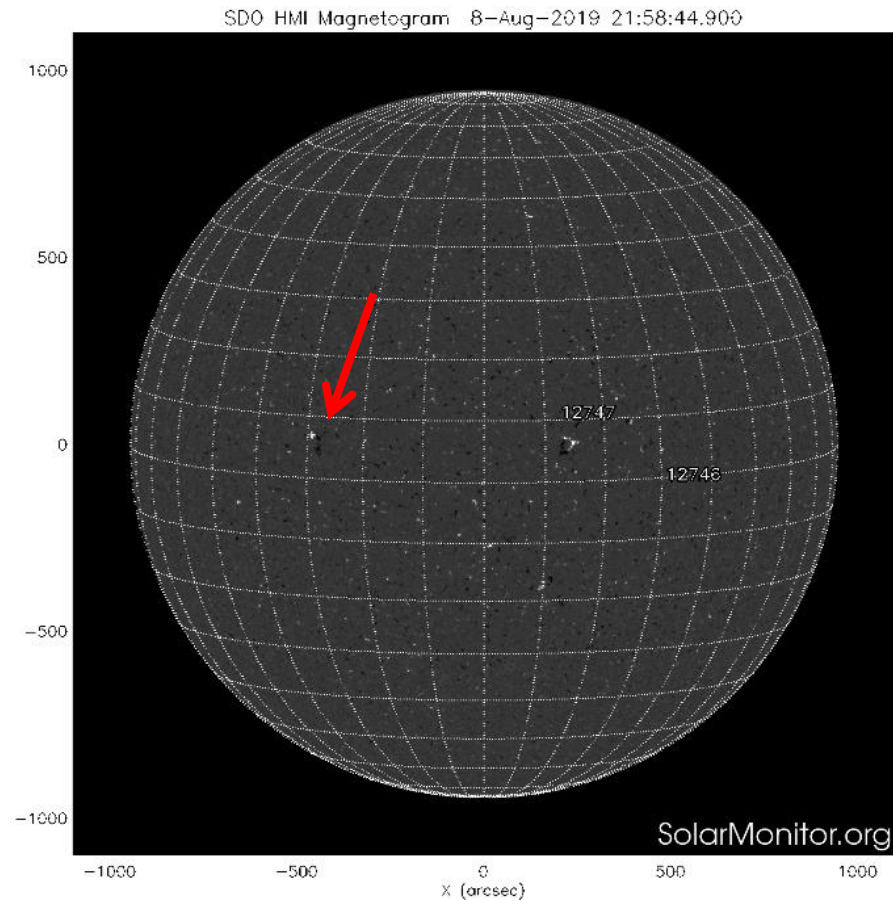
SJ - White light and H α

GFPI Fe I 5576 Å (NB filter 5579 Å)



Observations Summer School SOLARNET

HMI overview



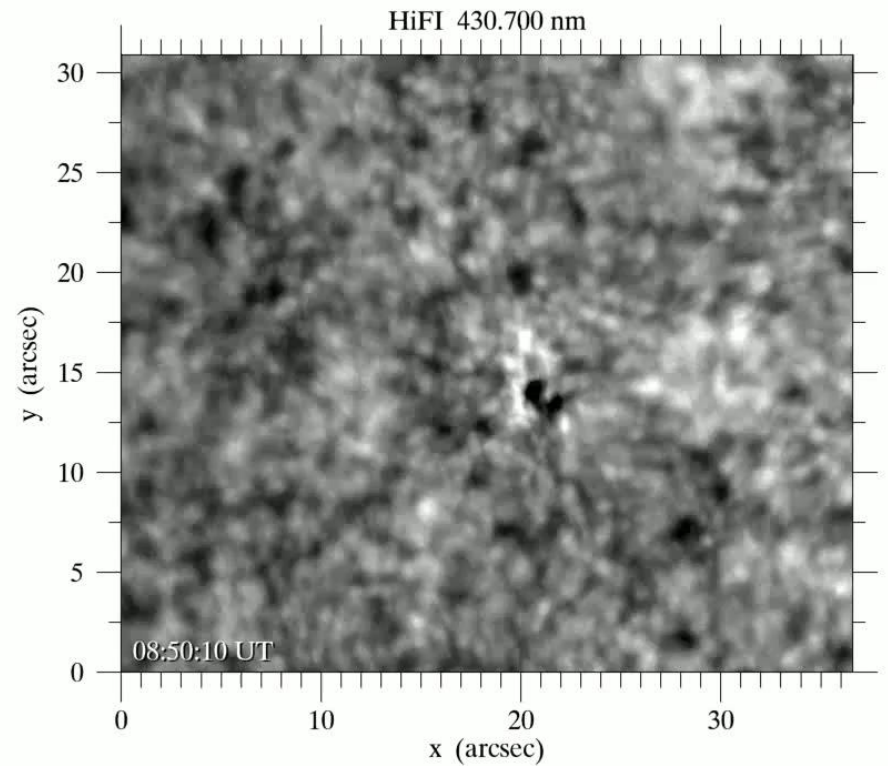
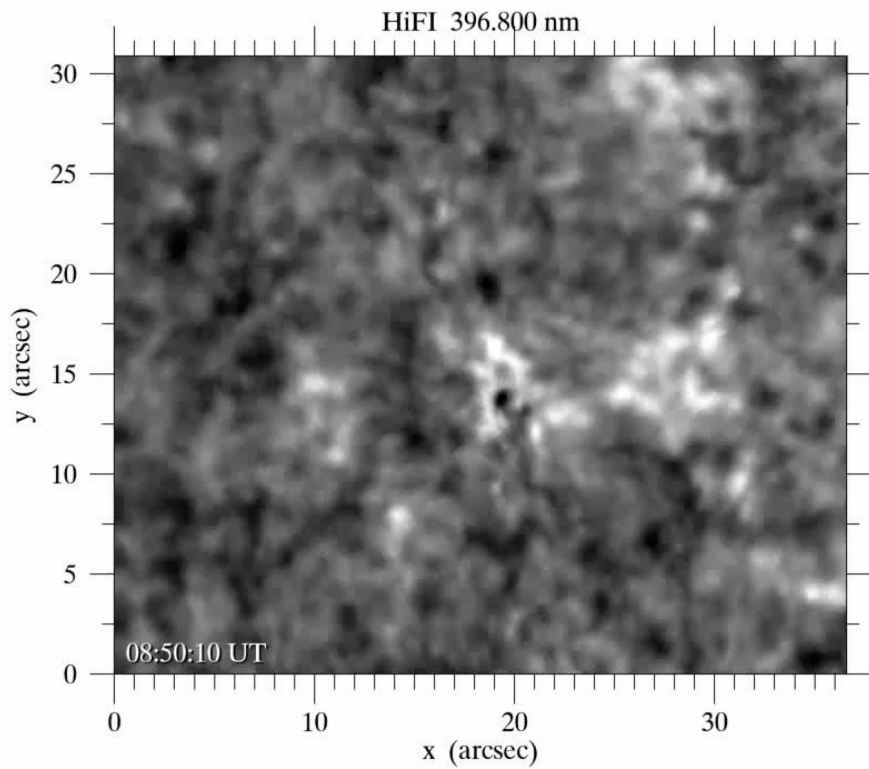
HiFI (imaging)

Setup:

- Filters:
 - Filter 1: Ca II H (3968 Å)
 - Filter 2: G-band (4307 Å)

- Level 1 data → register at gregor.aip.de (now?)
 - You can then use SCP or an ftp program to copy the data from the archive to your computer

HiFI

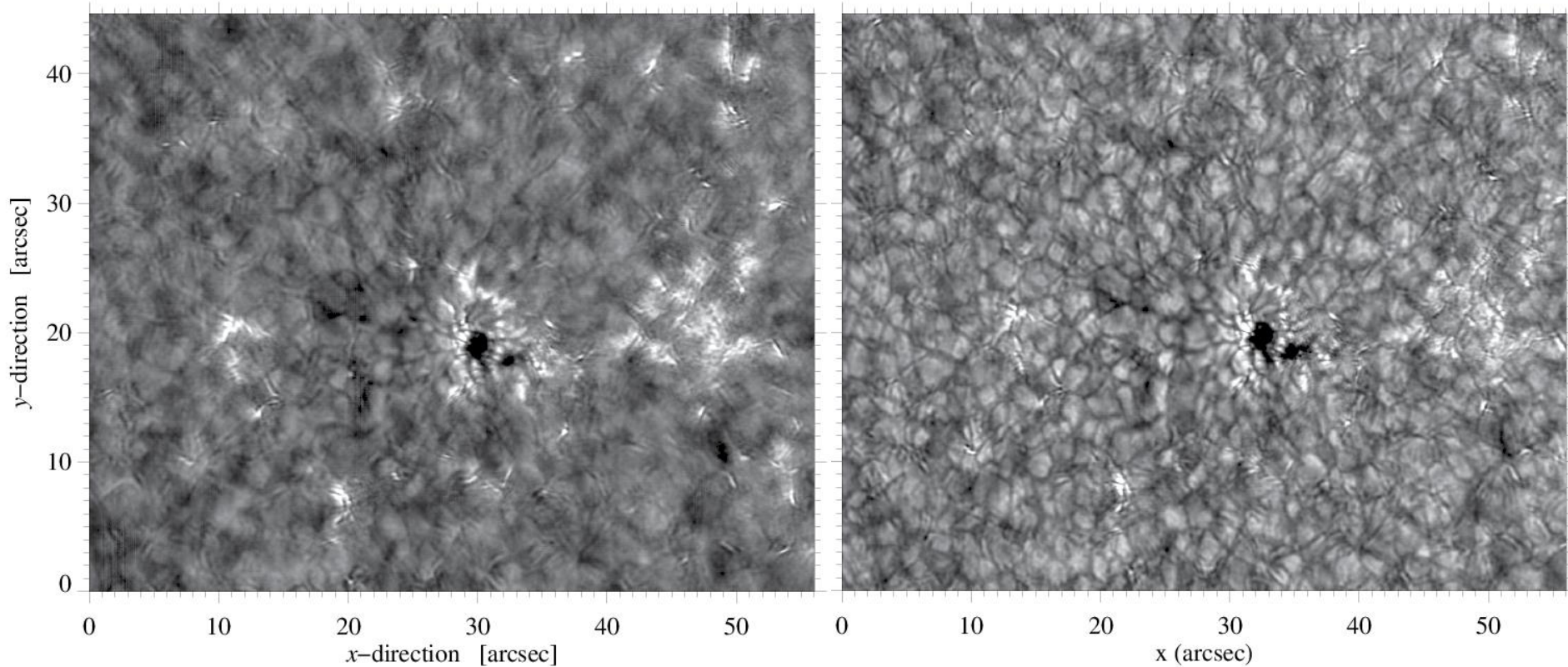


HiFI

Speckle restored image with KISIP at 08:56:13 UT

Ca II H

G-Band



GFPI (spectral imaging)

Setup:

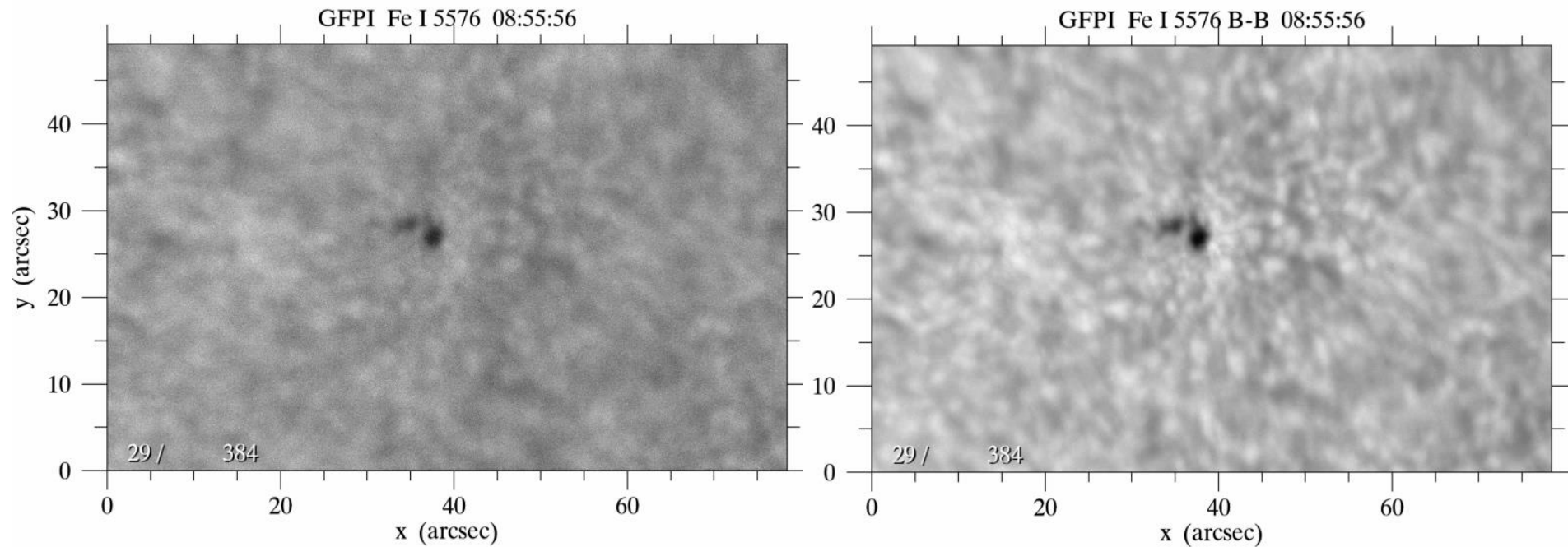
□ Filter:

■ Fe I 5576 Å

– Narrow-band + broad-band cameras

■ 16 spectral positions along the line

GFPI (spectral imaging)



**Is there interest in further analyze
this data all together?**

**Is there anybody specially
interested?**

Thanks

