

The New Facilities of Solar Observation in Photospheric and Chromospheric layers, since Oct 2009

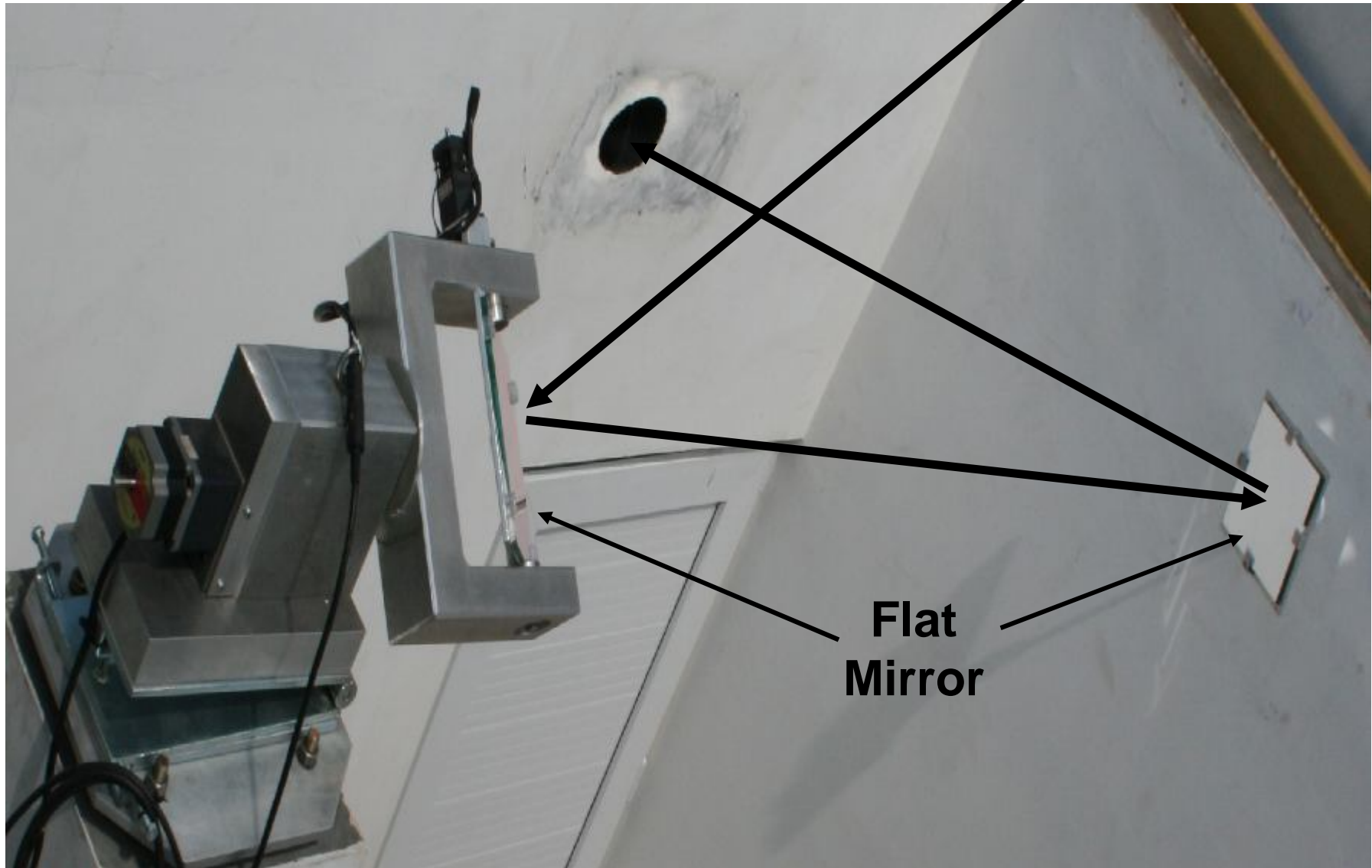
Hel iostat

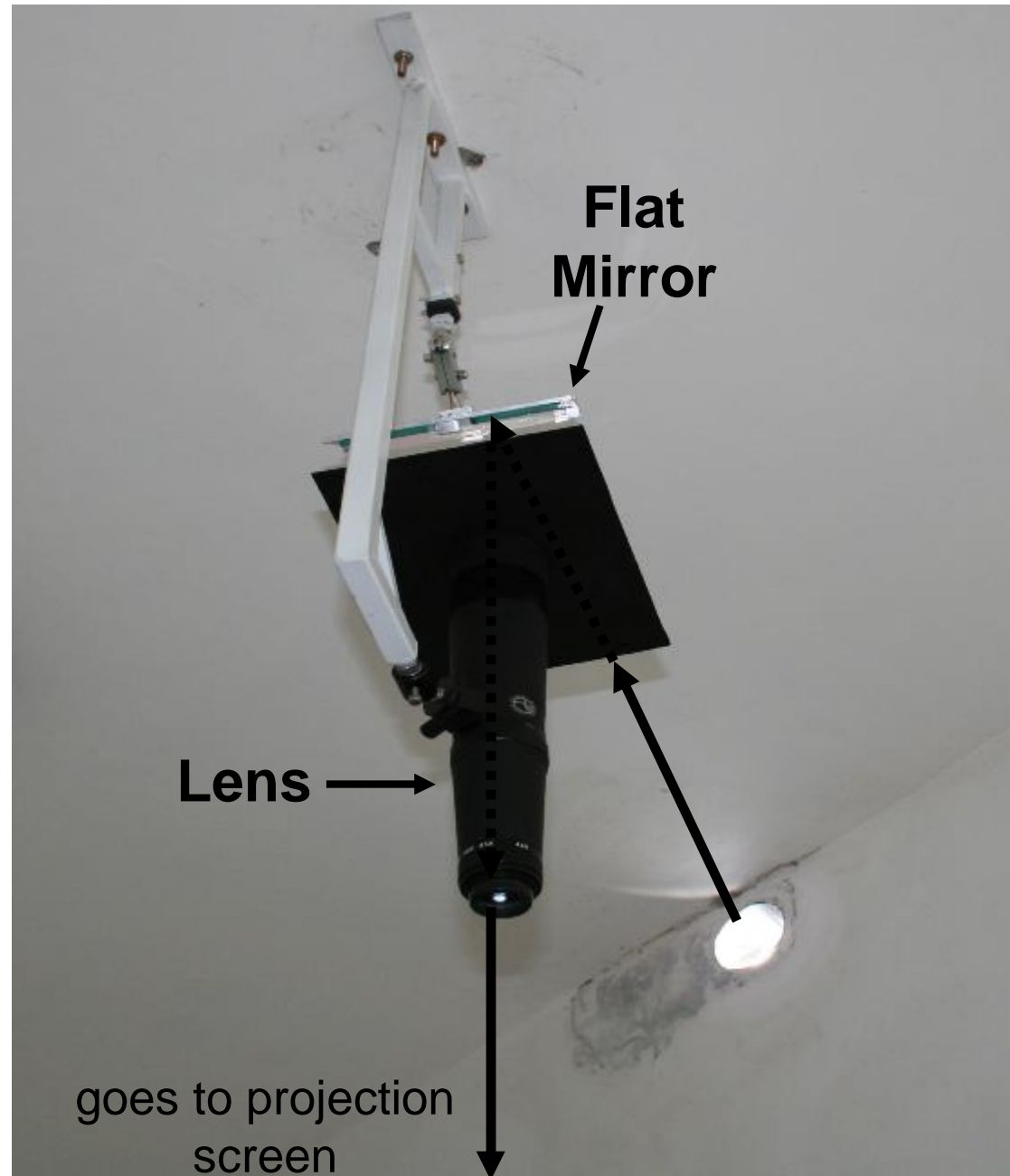
Designed and
Manufactured by ITB



Simultaneously 3
solar telescopes

Heliostat

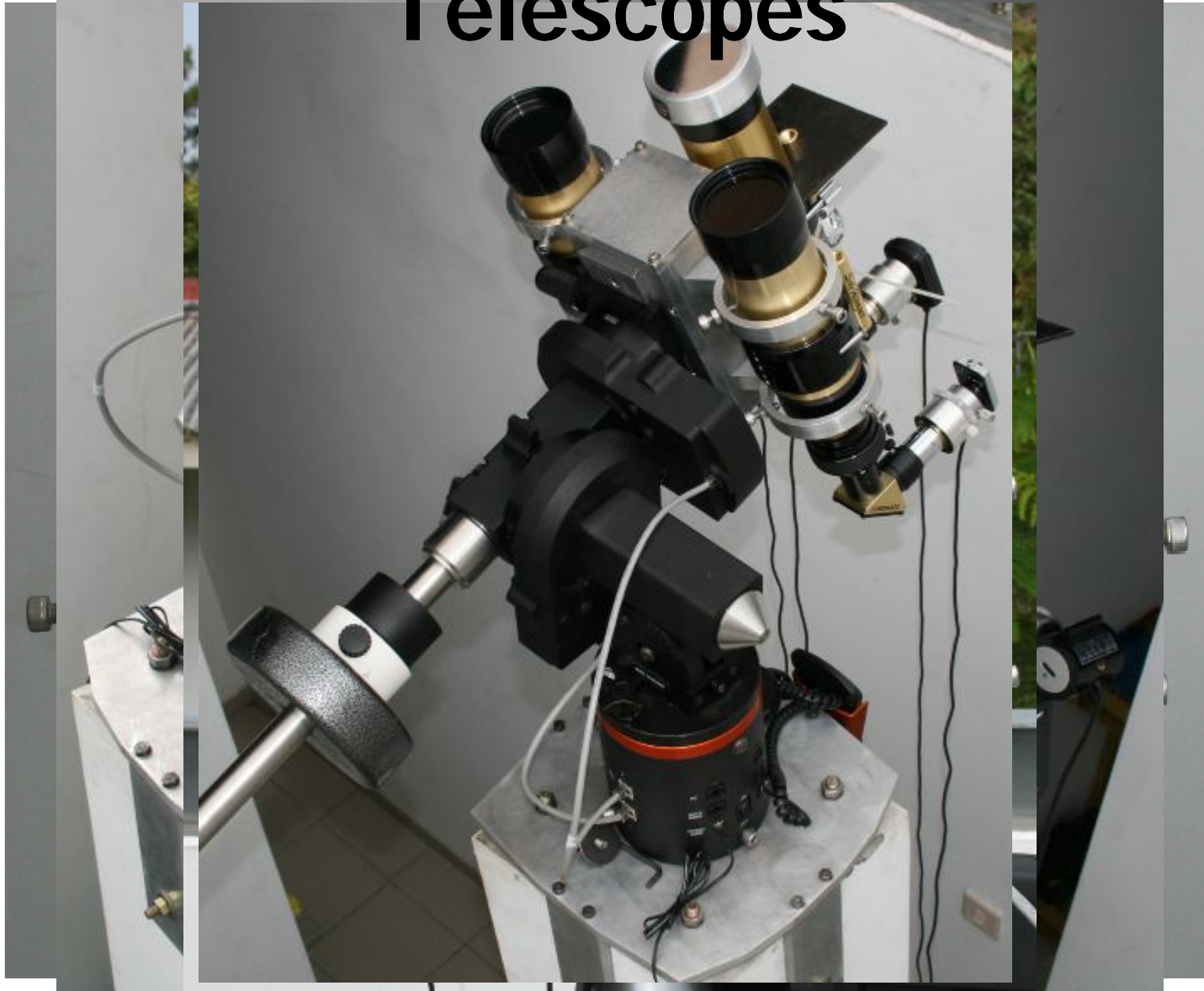




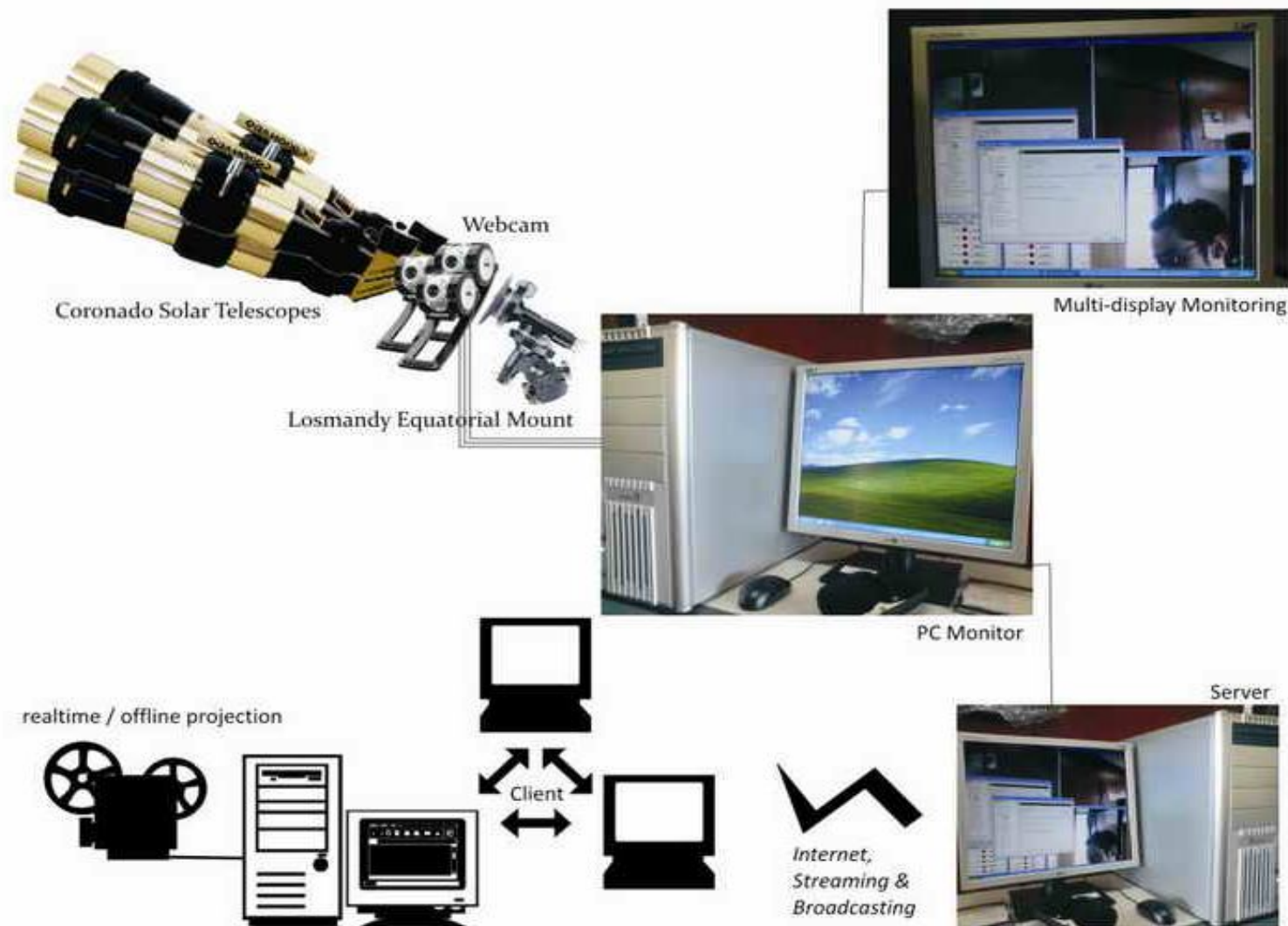
Projection Screen



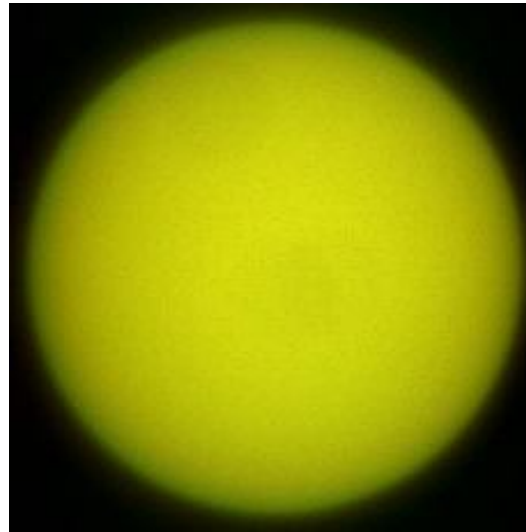
The New 3 in 1 Solar Telescopes



Simultaneous Observations of three wavelengths with Remote Operational



Visual image



Ca II image



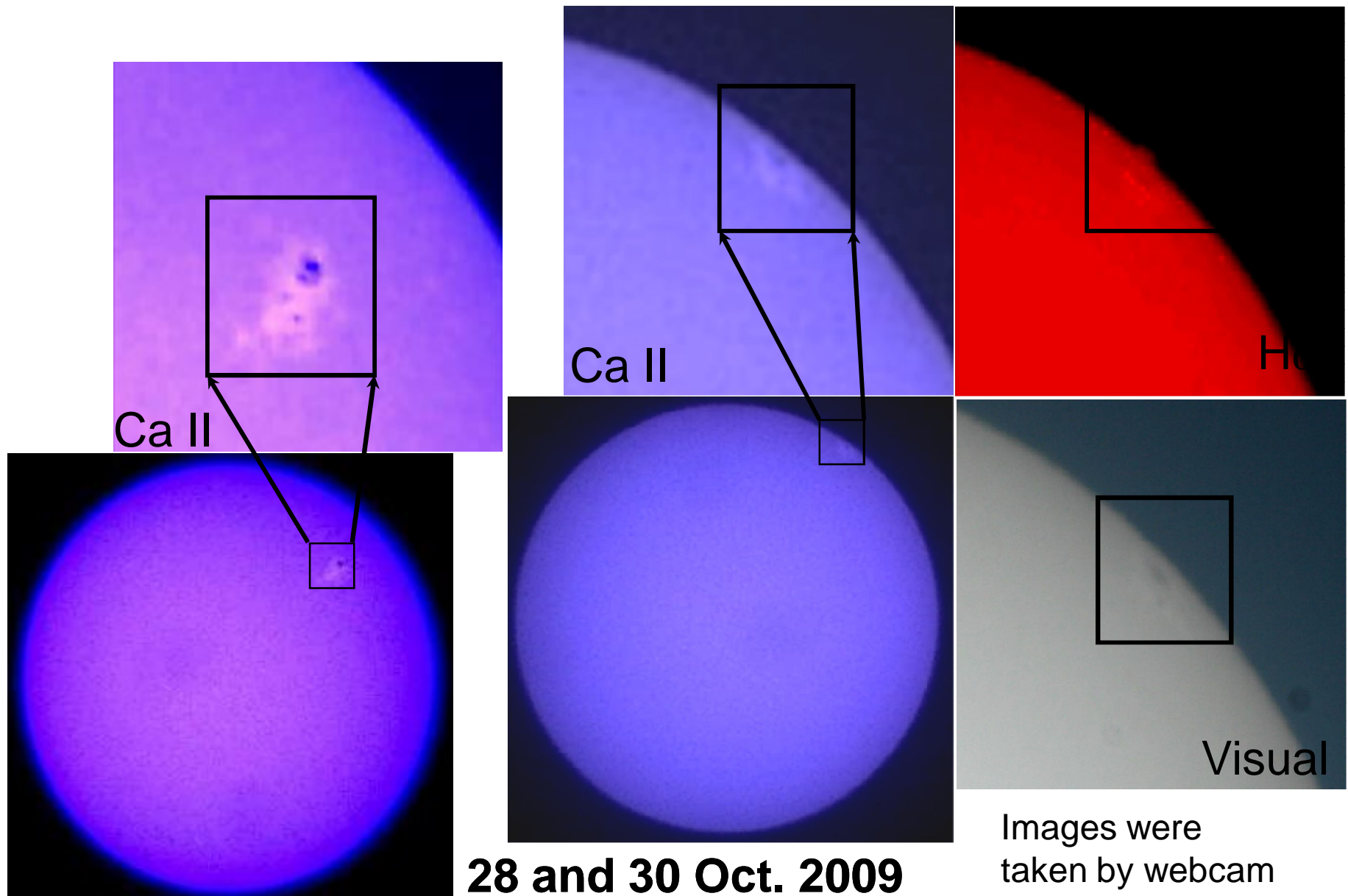
H α image



Images were taken by
webcam



Active Region 1029



Telescope and Detectors

- Coronado Telescope, 60 mm, FL. 400 mm
 - H-alpha and Ca II K with bandwidth: 0.7 Å
- Detector (change from webcam)
 - Since 2011 we use CCD detectors from Imaging Source, DMK41AU02.AS, 1280x960 pixel (@4.65 micron)
- Resolution: 2.4 arcsec/pixel
- Images were archived at www.bosscha.itb.ac.id