

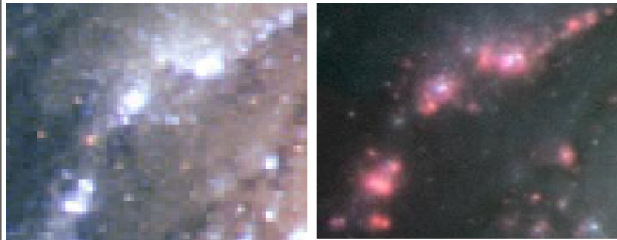

Published on SOAR (<http://www.ctio.noao.edu/soar>)

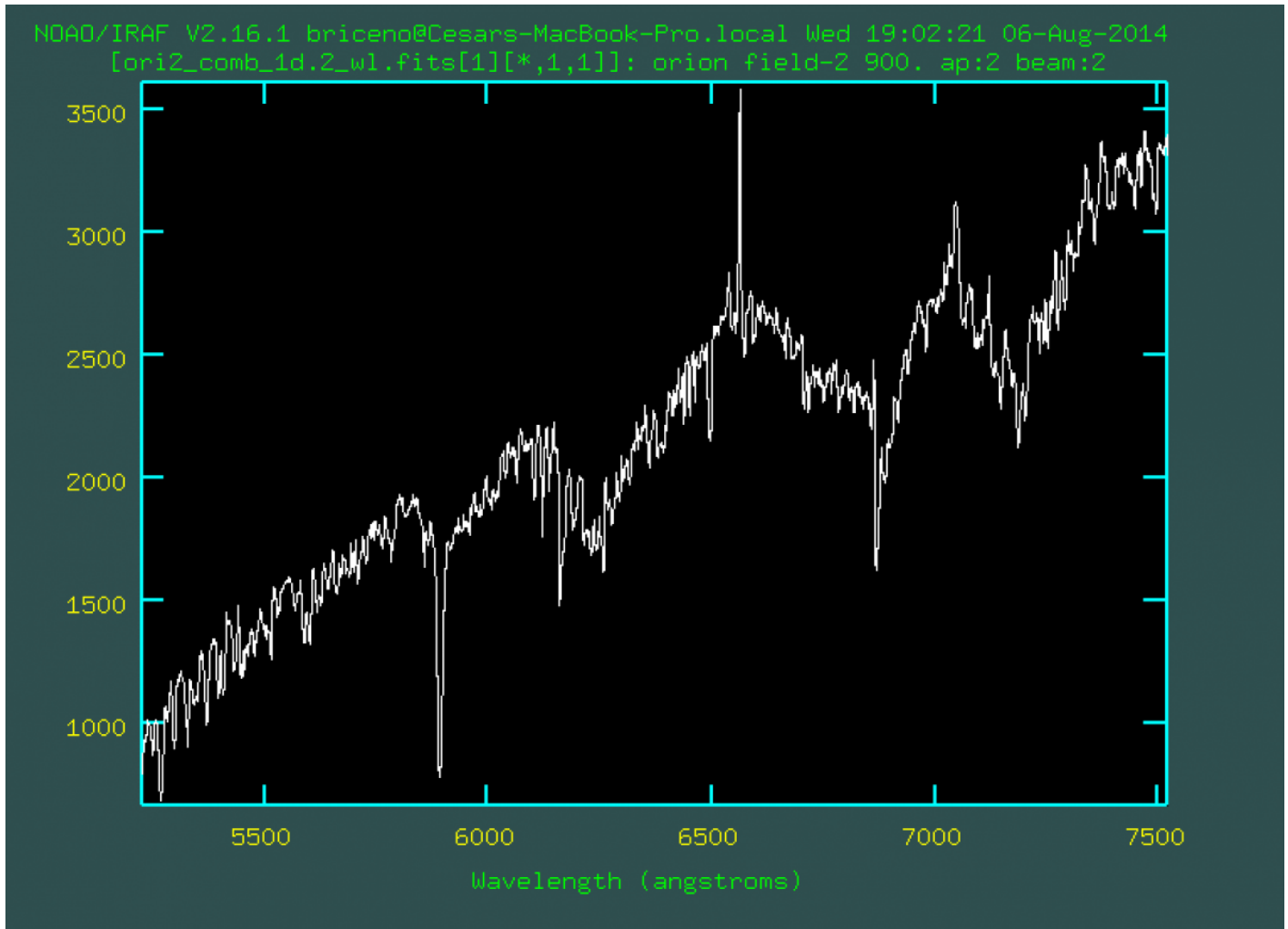
[Home](#) > [Astronomers](#) > Reducing your SOAR data

## Reducing your SOAR data

- **Imaging/Photometry**

- [Reducing SOI optical images](#) [1]
- [Reducing SAM optical images](#) [2]
- [Reducing Goodman Spectrograph optical imaging data \(NEW - 30 Apr 2018\)](#) [3]
- Reducing SPARTAN near-IR images

 <p>VLT (ESO PR 9845)                      SAM</p> <p><i>Comparison between color composite images of the NGC 1232 spiral galaxy, obtained with VLT (left) and with SAM (right). The gain in resolution provided by SAM is significant.</i></p>	<p><b>T43</b> Sep=0.8"</p>  <p>SAM SV, 2014-01-21, SDSS-z, exp=30s, FWHM=0.4". Tokovinin, Briceno</p> <p><i>Image in the SDSS-z band of the low-mass pre-main sequence binary T43 in the Chamaeleon star forming region. At 0.8 arcsec separation, this pair is cleanly resolved with the 0.36 arcsec resolution delivered by SAM on that night</i></p>
--	---



[4]

- **Spectroscopy**

- [Reducing Goodman Spectrograph single slit spectra \(NEW - 30 Apr 2018\)](#) [3]
- [Reducing Goodman spectra in Multi-Object Slit \(MOS\) mode](#) [4]

*Goodman Spectrograph optical spectrum of a weak-lined T Tauri star in the Orion OB1 association. Obtained with the 400 gpm grating in its red setup.*

---

**Source URL:** <http://www.ctio.noao.edu/soar/content/reducing-your-soar-data>

**Links**

[1] <http://www.ctio.noao.edu/soar/content/soi-image-reduction>

[2] <http://www.ctio.noao.edu/soar/content/reducing-your-sam-images>

[3] <http://www.ctio.noao.edu/soar/content/goodman-data-reduction-pipeline>

[4] [http://www.ctio.noao.edu/soar/sites/default/files/images/mos\\_with\\_goodman.pdf](http://www.ctio.noao.edu/soar/sites/default/files/images/mos_with_goodman.pdf)

[5]

[http://www.ctio.noao.edu/soar/sites/default/files/documents/Instruments/Goodman/mos\\_data\\_reduction\\_with\\_goodman.pdf](http://www.ctio.noao.edu/soar/sites/default/files/documents/Instruments/Goodman/mos_data_reduction_with_goodman.pdf)