EIT program
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Lecture

1- Description of the EIT instrument

    optical and mechanical design

    capabilities and limitations

    standard operations and shutterless mode

    data formats

2- Using EIT

    requesting observations

    existing products   (catalogues, preprocessed data, movies, software)

3- Calibration

    flat-field & degradation

    offset

    vignetting

    stray-light

    plate scale & pointing

    known issues

    etc.

4- Practical data reduction : using eit_prep

5- Basics of the EIT software

    eit_display

    eit_movie

    eit_catrd

    etc.

6- Techniques to overcome the narrow-band imaging limitations - the EIT DEM analysis

Hands on session

- Ready to use GUIs : quicklook view of EIT data and making movies
- Manual reduction of EIT data - how to properly use the EIT software
- How to obtain lines intensities
- Temperature and DEM diagnostics - capabilities and limitations