

Milestone 3

deadline: 17 July 2017 23:59 CEST

Tasks:

Image and visualize the measurement set :

1. Continuum imaging following instructions from the tutorial Imaging I
2. CO-line imaging following instructions from the tutorial Imaging II
3. Moment 0 and 1 maps following instructions from the tutorial Imaging III

Deliverables:

1. Imaging script

provide us with a commented imaging script.

2. Write a **short report** (pdf, 1-2 pages excluding figures) on the different imaging steps.

The purpose of each imaging step should be summarized in 1-2 sentences. The continuum RMS, channel RMS and beam size should be explicitly mentioned in the report. The report should at least contain the following plots and corresponding captions:

- **Continuum map** (.pdf generated from the CASA viewer)
- **Moment 0 map** (.pdf) **of the CO-line cube**
- **Moment 1 map** (.pdf) **of the CO-line cube**

Please upload the two files labeled with your name, e.g. imaging_script_muehle.py and imaging_report_muehle.pdf, **to <ftp://ftp.astro.uni-bonn.de/incoming/muehle> before the deadline.** (Note: Once uploaded, the content is no longer visible to any outside user.)