

## Busy sessions MKSP 2019

Room 1 = main meeting room, GAFO 03/252, up to 50 people

Room 2 = GAFO 02/368, up to 15-20 people

Room 3 = GAFO 02/365, up to 15 people

Tuesday, Wednesday and Thursday after lunch at 14:00, the different topics planned for the busy afternoons will be presented in Room 1 and people can decide to which room they want to go. Room 2 and 3 are upstairs.

### Tuesday afternoon (14:30 - 17:30)

Room 1: *LOFAR polarisation calibration* (Caterina Tiburzi and Shane O'Sullivan)

Room 2: *Information field theory (IFT) consulting* (Philipp Arras, Sebastian Hutschenreuter, Fabian Kapfer, and Torsten Enßlin)

Room 3: Self organised work

### Wednesday afternoon (14:30 - 17:30)

Room 1: *LOFAR Two-metre Sky Survey (LoTSS) RM Grid work* (Shane O'Sullivan)

- Reliably identifying real polarised sources
- Dealing with fake polarised source issues
- QU-fitting
- mosaicing

Room 2: *RESOLVE/Nifty tutorial* (Philip Arras)

Detailed installation instructions for nifty can be found here:

[https://gitlab.mpcdf.mpg.de/ift/nifty\\_tutorial](https://gitlab.mpcdf.mpg.de/ift/nifty_tutorial)

Additionally, one needs to install the following package for radio reconstructions.

[https://gitlab.mpcdf.mpg.de/ift/nifty\\_gridder](https://gitlab.mpcdf.mpg.de/ift/nifty_gridder)

e.g. with:

```
pip3 install --user
```

```
git+https://gitlab.mpcdf.mpg.de/ift/nifty\_gridder.git
```

Room 3: Self organised work

**Thursday afternoon** (14:30 - 17:30)

Room 1: *Deep fields* (Valentina Vacca and Noelia Herrera Ruiz)

- Discussion about consistency check between dataset reduced with different computer clusters and algorithms (GOODS-N, Valentina, first part of the busy session)
- Combination of different pointings (ELAIS-N1, Noelia, second part of the busy session)

Room 2: *Nearby Galaxies work* (Volker Heesen)

Room 3: Self organised work

**Friday morning** (9:00 - 11:00)

Continuation of work on previous days.