



13 - 24 JULY 2020

Meteorological Observatory Lindenberg MOL-RAO  
near Berlin, Germany

FESSTVaL is a measurement campaign on sub-mesoscale atmospheric dynamics. During its intensive observation period in July 2020, a Summer School is offered by the participating scientists and additional lecturers.

As FESSTVaL is a joint project of about a dozen scientists from seven different institutions in Germany, most of them being junior scientists, the working environment is dynamic and expert knowledge is brought together.

#### For whom?

MSc and PhD students, and Postdocs in meteorology, physics and related research areas

#### Topics

- operational and experimental surface and airborne in-situ measurements
- radar for convective precipitation characterization
- thermodynamic and wind profiling based on ground-based remote sensing
- low cost „Internet of Things“ technology
- flux measurements
- cold pool dynamics, clouds, convection
- introduction to the coupled land-atmospheric boundary layer system
- data assimilation
- model evaluation

#### Speakers include

- Sara C Pryor, Cornell U, USA
- Irina Sandu, ECMWF
- Dave Turner, NOAA-ESRL, USA
- Felix Ament, U Hamburg
- Frank Beyrich, DWD
- Susanne Crewell, U Cologne
- Cathy Hohenegger, MPI-M
- Daniel Klocke, DWD
- Henning Rust, FU Berlin
- Linda Schlemmer, DWD

## SUMMER SCHOOL

Observing and understanding sub-mesoscale atmospheric dynamics

Convective Scale Observations from different Platforms

Dynamics and Modeling

DEADLINE:  
30 Nov  
2019



#### Contact

[fesstval-summer-school@met.fu-berlin.de](mailto:fesstval-summer-school@met.fu-berlin.de)

#### Online application

<http://www.fesstval.de>

