



FESSTVaL

Field Experiment on Submesoscale Spatio-Temporal Variability in Lindenberg

17 May - 25 JULY 2021

Meteorological Observatory Lindenberg MOL-RAO
near Berlin, Germany

FESSTVaL is a measurement campaign on sub-mesoscale atmospheric dynamics. In May, June and July 2021, a hybrid Summer School (concept under development) 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

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

- Irina Sandu, ECMWF
- 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:
~~31 FEB~~
2021



Contact

fesstval-summer school@met.fu-berlin.de

Online application

<http://www.fesstval.de>



Hans-Ertel-Zentrum
für Wetterforschung