

## TEEMLEAP Workshop

Datum / Zeit: 6. November 2023, 10:00 - 17:00 Uhr

Ort: Deutscher Wetterdienst, Frankfurter Str. 135, 63067 Offenbach, Konferenzbereich

Link: <https://dwd.webex.com/dwd-en/j.php?MTID=mfde62b20079f0959a52773e9c68fba27>

### Programm

10:00 - 10:10	<b>Opening</b> Peter Knippertz, Jan Keller
10:10 - 10:35	<b>TEEMLEAP testbed</b> Jannik Wilhelm (KIT)
10:35 - 10:00	<b>CONTRAILS project</b> CONTRAILS Team (DWD)
11:00 - 11:15	<i>Coffee break</i>
11:15 - 11:40	<b>KIT activities on data-driven forecasts</b> Sebastian Lerch (KIT)
11:40 - 12:05	<b>AI and subseasonal forecasting</b> Julian Quinting (KIT)
12:05 - 13:00	<i>Lunch break</i>
13:00 - 13:45	<b>AI-based models of atmospheric dynamics (<i>invited</i>)</b> Christian Lessig (ECMWF)
13:45 - 14:10	<b>Front reconnaissance</b> Felix Fundel (DWD)
14:10 - 14:25	<i>Coffee break</i>
14:25 - 15:10	<b>Explaining heatwaves with machine learning (<i>invited</i>)</b> Sebastian Buschow (Uni Bonn)
15:10 - 14:35	<b>Ensemble Generation and Downscaling using Autoencoders</b> Jan Keller, Sabrina Wahl (DWD)
15:35 - 15:50	<i>Coffee break</i>
15:50 - 16:15	<b>AI in post-processing</b> Thomas Muschinski (KIT)
16:15 - 16:40	<b>Radar nowcasting with AI</b> Ulrich Friedrich (DWD)
16:40 - 17:00	<b>Discussion and Closing</b> Peter Knippertz, Jan Keller

