



Conference on Predictability and Multi-Scale Prediction of High Impact Weather October 9th-12th 2017 in Landshut, Germany

Recent advances in numerical weather prediction, and in particular the development of high-resolution or convective-scale NWP systems, have opened new possibilities and posed new challenges in the forecasting of high impact weather. The Conference on Predictability and Multi-Scale Prediction of High Impact Weather aims to advance progress in this field by bringing together the academic and operational research communities. The meeting is co-sponsored by the HIWeather project of the World Research Program and by Waves to Weather, a Collaborative Research Center funded by the German Research Foundation. With a focused agenda and participation limited to 100-200 people, there will be ample opportunities for discussion and networking.

Abstracts are solicited for oral and poster presentations including, but not limited to, the following areas:

- The role of scale interactions and error growth in limiting the predictability of high impact weather
- Impact of diabatic processes on predictability of high impact weather
- Multi-scale prediction systems, including data assimilation strategies for improved high impact weather prediction
- Probabilistic forecasting, including statistical post-processing methods
- Evaluation and improved modeling of cloud and PBL processes
- Prediction of high impact weather in urban areas
- Integrated environmental prediction
- Extreme weather events such as floods, damaging winds or heat waves

Abstract submission deadline: 1 July

Decision on abstracts: 1 August

Registration deadline: 1 September

For more information, including abstract submission, registration and keynote speakers, please visit

hiw2017.wavestoweather.de

The conference will be held in the historical city of Landshut in Bavaria. Overlooked by Trausnitz castle, the city center features many historical buildings from the gothic and renaissance periods. The city is conveniently located about 30 km from the Munich International Airport.

