

**Mini-Workshop Multiscale Asymptotics (MSA)**  
September 26<sup>th</sup> - 27<sup>th</sup> 2017, Munich

**Program**

Tuesday, Sept. 26<sup>th</sup> 2017

- 09:00-09:15 Welcome (Craig)
- 09:15-10:30 Multiscale analysis of tropical cyclones (Klein)
- 10:30-11:45 Multiscale Interactions of Mesoscale and Submesoscale Gravity Waves (Achatz)
- 11:45-13:00 Upscale error growth through the mesoscales: The geostrophic adjustment process (Bierdel)
- 13:00-14:15 Lunch
- 14:15-15:30 Mesoscale dynamical regimes (Craig/Selz)
- 15:30-16:30 Discussion and future work 1
- 16:30-17:45 General introductory seminar: Asymptotics for Atmospheric Motions (Klein)

Wednesday, Sept. 27<sup>th</sup> 2017

- 09:00-10:15 A multiscale model for planetary and synoptic scale motions (Dolaptchiev)
- 10:15-11:30 Stochastic boundary layer perturbations in COSMO (Rasp)
- 11:30-13:00 Concluding discussion and way forward