

**Institut für Meteorologie und Klimaforschung,
Atmosphärische Umweltforschung (IMK-IFU),
KIT-Campus Alpin, Garmisch-Partenkirchen
Leitung: Prof. Dr. Hans Peter Schmid**

**Ankündigung für das Institutsseminar 2017
i.d.R. Donnerstags: 16:00 Uhr s.t.**

Donnerstag, 12.01.2017 16:00 (s.t.)

Dr. Michael Wilczek, Max-Planck-Institut für Dynamik und Selbstorganisation, Göttingen
„Turbulence - from small-scale fluctuations to atmospheric boundary layers“

Freitag, 13.01.2017 10:00 (s.t.)

Dr. Pierluigi Calanca, Agroscope, Institute for Sustainability Sciences ISS, Zürich, Switzerland
„Choosing the right model – The challenge of simulating grassland ecosystem“

Dienstag, 24.01.2017 16:00 (s.t.)

Prof. Dr. Rajib Maity, Department of Civil Engineering, Indian Institute of Technology Kharagpur, Kharagpur, India
„Two approaches for soil moisture estimation: Hydrometeorological and Remote Sensing“

Mittwoch, 25.01.2017 16:00 (s.t.)

Prof. Dr. Martin Wikelski, MPI für Ornithologie, Radolfzell
„Earth Observation through animals“

Freitag, 17.02.2017 10:00 (s.t.)

Dr. Jens Reichardt, Meteorologisches Observatorium Lindenberg des DWD
„Wasserdampfmessungen und spektroskopische Untersuchungen von Wolken und Aerosolen mit dem RAMSES-Lidar des Meteorologischen Observatoriums Lindenberg“

Dienstag, 21.02.2017 16:00 (s.t.)

Prof. Dr. Peter Knippertz und **Prof. Dr. Andreas H. Fink**, Institut für Meteorologie und Klimaforschung - Department Troposphärenforschung, Karlsruhe
„The challenge to observe, model and understand the West African monsoon system“

Mittwoch, 22.02.2017 16:00 (s.t.)

Dr. Joachim Fallmann, Environmental Prediction Development, Met Office, United Kingdom
„From Surface to Atmosphere – UK Environmental Prediction at the Met Office“

Mittwoch, 12.04.2017 14:00 (s.t.)

Prof. Ben Smith, Lund University, Sweden
“Modelling savannah carbon cycle responses to climate variability and change“

Donnerstag, **06.07.2017 16:00** (s.t.)
Prof. Mark Rounsevell, Land Use Change Research Group, IMK-IFU
„Land at the food-bioenergy-ecosystem nexus”

Montag, **24.07.2017 16:00** (s.t.)
Duick T. Young, University of Reading
„Sensors in the City - Challenges in Observing Urban Climate at High Resolution”

Donnerstag, **27.07.2017 16:00** (s.t.)
Dr. Calum Brown, Land Use Change Research Group, IMK-IFU
„The use of process-based models of socio-ecological systems”

Mittwoch, **20.09.2017 16:00** (s.t.)
Dr. Dominikus Heinzeller, IMK-IFU
„Variable-resolution modelling and extreme scaling applications with the Model for Prediction Across Scales (MPAS)”

Mittwoch, **04.10.2017 16:00** (s.t.)
Dr. Genevieve Metson, Linköping University, Sweden
„Planning for food and water security in the face of environmental change through the urban phosphorus lens”

Donnerstag, **05.10.2017 16:00** (s.t.)
Prof. Dr. Ralf Ludwig, Department of Geography, LMU München
„Assessing hydrometeorological extreme events under climate change conditions”

Dienstag, **10.10.2017 16:00** (s.t.)
Prof. Gabriel Katul, PhD, Theodore S. Coile Professor of Hydrology and Micrometeorology, Duke University, Durham, NC, USA
„Co-spectral budgets link energy distributions in eddies to bulk flow properties”

Montag, **16.10.2017 11:00** (s.t.)
Dr. Thomas Schwittalla, Institute of Physics and Meteorology, University of Hohenheim, Stuttgart
„WRF as a tool for high-resolution modeling: Stories from latitude-belt simulations, turbulence permitting simulations and data assimilation”

Montag, **27.11.2017 10:00** (s.t.)
Prof. Dr. Yuesi Wang, Institute of Atmospheric Physics, Chinese Academy of Sciences, Beijing, China
„The air pollution situation and research progress in North China”

Donnerstag, **30.11.2017 16:00** (s.t.)
Dr. Helen C. Ward, Institute of Atmospheric and Cryospheric Sciences – Atmospheric Dynamics, University of Innsbruck, Austria
„Turbulence observations in urban and complex landscapes”

Donnerstag, **21.12.2017 16:00** (s.t.)

Dr. Sebastian Sippel, Norwegian Institute of Bioeconomy Research (NIBIO), Norway
„Climate extremes and their impact on ecosystem-atmosphere interactions”

Gez. Gerhard Smiatek