

# Institutskolloquium zum Thema:

## ‘Aktuelle Fragen

## aus der Atmosphärenphysik’



### Sommersemester 2017

Ort: Institut für Atmosphärenphysik, Kühlungsborn, Schloss-Str. 6, Grosser Saal im Neubau

Zeit: Donnerstags, 10 Uhr ct (**ACHTUNG: Ausnahmen sind möglich!**)

Stand vom: 17. Juli 2017

16. März	10 Uhr ct	Dr. David Hooper NERC, Rutherford Apple- ton Lab., UK	What can 12 years of MST radar observations tell us about the mid-latitude mesosphere?
13. April	10 Uhr ct	Heiner Asmus (IAP)	Messungen von Staubdichten in der polaren Mesosphäre während WADIS
4. Mai	10 Uhr ct	Prof. Uwe Harlander Univ. Cottbus	A survey of laboratory experiments on inertia-gravity waves
18. Mai	10 Uhr ct	Dr. Albert Ansmann TROPOS, Leipzig	Is aerosol-cloud interaction detectable? — Active remote sensing with aerosol lidars, Doppler lidar, and cloud radar at TROPOS
19. Mai (Fr!)	10 Uhr ct	Bob Sica, Univ. of Western Ontario Alexander Haefele, MeteoSwiss, Payerne	A Tale of Two Lidars: the RALMO, the Purple Crow Lidar and the Application of Optimal Estimation Methods to the Retrieval of Composition and Temperature
24. Mai (Mi!)	10 Uhr ct	Prof. S. P. Smyshlyaev Russ. State Hydromet. Univ., Saint Petersburg	CCM vs CTM modeling of stratospheric composition: An experience with unified chemistry scheme
1. Juni	10 Uhr ct	Dr. Victor Avsarkisov, IAP	Analysis of a turbulent coherent structures in mesosphere and lower thermosphere region
8. Juni	10 Uhr ct	Dr. Johannes Bühl TROPOS Leipzig	Investigations of aerosol-cloud-dynamics interaction with lidar, cloud radar and wind profiler
22. Juni	10 Uhr ct	Prof. J.-P. St. Maurice, Univ. Saskatchewan	How IAP meteor radars became state-of-the art auroral radars during the great magnetic storm of March 17, 2015
5. Juli (Mi!)	10 Uhr ct	Dr. Alexey Karpechko Finnish Meteo. Inst.	Stratospheric impacts on surface climate variability in the Northern Hemisphere
20. Juli	10 Uhr ct	Dr. Guozhu Li, Inst. of Geol. and Geophys., Chinese Acad. Sciences	Study of meteor trail irregularity and its parent meteoroid
21. Juli	10 Uhr ct	Prof. Erdal Yigit, George Mason Univ.	Effects of gravity waves and thermal tides in Earth's middle and upper atmosphere
25. Juli	10 Uhr ct	Prof. Farzad Kamalabadi, Univ. of Illinois at Urbana- Champaign	An overview of the Ionospheric Connection (ICON) Explorer Mission

(Prof. F.-J. Lübken, Prof. J. Chau, Prof. E. Becker)