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**UNIVERSITÄT
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Seminar über Microwavephysics and Atmospheric Physics

Referent: PD Dr. Klemens Hocke, Institute of Applied Physics, University of Bern

Titel: Irregularities in the Ionosphere and Thermosphere

Gravity waves and ionospheric irregularities in the lower and middle thermosphere are investigated by using data from the GOCE satellite and the satellite constellation COSMIC. The talk gives a short overview on activities of the Astronomical Institute of University of Bern. Then an introduction of the radio occultation measurement principle and the data analysis are given. Finally I present results for gravity wave activity in the lower thermosphere and ionospheric irregularities in the middle thermosphere.

Zeit: Freitag, 21.09.2018, 10:15 Uhr

Ort: **Hörsaal A97**, Gebäude exakte Wissenschaften, Sidlerstrasse 5, Bern, Schweiz