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Seminar über Microwave Physics and Atmospheric Physics

Referent/in: Dr. Diego Janches, Heliophysics Science Division, NASA Goddard Space Flight Center, Greenbelt, MD, USA

Titel: Meteor Input on Earth and Other Planets – Modelling and measurements

Knowledge of the meteoroid environment for particles with masses in the 1 μg - 10 g range, from both the sporadic background and showers, is relevant to planetary science, upper atmospheric chemistry, space weathering of airless bodies and collisional risk assessment to satellites and astronauts. During this talk, we'll present an introduction to the sporadic meteoroid complex (SMC), discuss details of dynamical models of SMC and their implications to radar observations, radar observations and implications on the total mass flux. We will also discuss the application of these models to other Solar System's planetary bodies and their specific implications on Mercury and the Moon exospheres.

Zeit: Freitag, 31.01.2020, 10:15 Uhr

Ort: **Hörsaal B78**, Gebäude Exakte Wissenschaften, Sidlerstrasse 5, Bern, Schweiz