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Seminar über Microwave Physics and Atmospheric Physics

Referent/in: Tobias Plüss, IAP, Universität Bern

Titel: Material Characterisation and Design of 3D Printable Microwave Absorbers

This talk presents the activities at IAP in the field of 3D printed microwave absorbers which are to be used for RADAR absorbing applications. We show what materials we have used and discuss various measurement techniques we used to determine the dielectric properties of those materials. We present examples of different RAM (RADAR Absorbing Materials) designs and how we simulated and printed these and compare measurements of actual RAM samples with the simulations.

Zeit: Freitag, 18.12.2020, 10:15 Uhr

Ort: Zoom Link: <https://unibe-ch.zoom.us/j/97081325603>
Meeting ID: 970 8132 5603