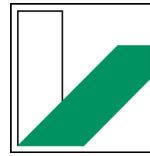


Physikalisches Kolloquium



UNIVERSITÄT
BAYREUTH
Physikalisches Institut

Structure and History of Granular Sediments

We consider the sedimentation of monodisperse granular particles under the influence of gravity. The history of the process is described by the surface of the sediment as a function of time. We show that the resulting structure of the sediment, characterized by the field of contact number is intimately related to the process of sedimentation such that the history of the process can be deduced from the time-independent field of contact number of the sediment.

Dienstag, 28. April 2026 | 17 Uhr s.t. | Hörsaal H15 (NW I)



Prof. Dr.
Thorsten Pöschel
FAU Erlangen-Nürnberg