



Contribution ID: 1

Type: **Invited**

Ion beam analysis of materials with MeV beams at the Ruhr University Bochum

Wednesday 6 December 2017 10:00 (30 minutes)

The opportunities and features of the analytical techniques such as Rutherford Backscattering Spectrometry (RBS) or Nuclear Reaction Analysis (NRA) available at the 4MV Dynamitron Tandem accelerator in Bochum will be presented and illustrated with examples from the ongoing research programs. In particular diffusion studies in geological systems will be discussed in more detail. Since such diffusion is strongly correlated to defects in the crystal the potential of future studies of minerals with Perturbed Angular Correlation needs to be explored.

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Session Classification: Facilities Session 2