

The 'shocking' effects of slow compression experiments on quartz crystals using diamond anvil cells

Wednesday 19 August 2020 14:25 (25 minutes)

Mineral specimens recovered from meteorites or impact sites on Earth typically exhibit shock metamorphic effects, providing insights into past impact events within the solar system. Simulating impacts by diamond anvil cells in slow motion, we perform compression experiments on quartz to better understand the formation of natural impact effects.

Presenter: Mr OTZEN, Christoph (DESY)

Session Classification: Session 2.1