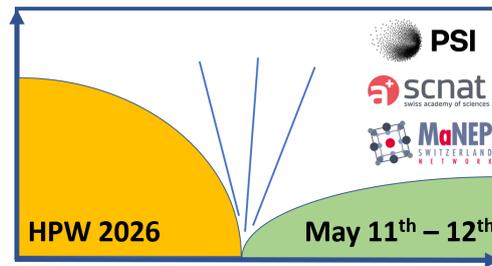


High Pressure Workshop



Contribution ID: 64

Type: Talk

High-pressure research at the Department of Earth and Planetary Sciences (ETHZ)

Monday, 11 May 2026 14:20 (30 minutes)

The Department of Earth and Planetary Sciences at ETHZ has a nearly 50-year long history in experimental high-pressure projects. Several research groups operate a wide range of instruments, from gas- and solid-media pressure devices to diamond anvil cell systems, covering conditions from hundreds of MPa to hundreds of GPa, while heating to several thousands of Kelvin.

This presentation provides a brief overview of the experimental facilities available across the department and highlights selected research questions, experimental approaches, and key findings, with current work focusing on the structure and chemical evolution of planetary bodies such as Earth, Mars, and the Moon.

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