

MATHIPE Workshop 2026, GSI

Report of Contributions

Contribution ID: 2

Type: **not specified**

MATHIPE & Extreme-Conditions Research Activities at PETRA III

Monday, February 23, 2026 9:00 AM (30 minutes)

Presenter: GLAZYRIN, Konstantin (DESY, FS-PETRA-D)

Session Classification: MATHIPE

Contribution ID: 3

Type: **not specified**

New Material Synthesis and Phase Relations of Molybdenum Based Oxides

Monday, February 23, 2026 9:30 AM (30 minutes)

Presenter: KONDRINA, Kseniia (DESY)

Session Classification: MATHIPE

Contribution ID: 4

Type: **not specified**

High-pressure diffraction studies

Monday, February 23, 2026 10:00 AM (30 minutes)

Presenter: DIMITRA, Manousou (Forschungszentrum Juelich)

Session Classification: MATHIPE

Contribution ID: 5

Type: **not specified**

High pressure behaviour of mixed-valence vanadates

Monday, February 23, 2026 10:30 AM (30 minutes)

Presenter: CORKETT, Alexander

Session Classification: MATHIPE

Contribution ID: 6

Type: **not specified**

Pressure Dependence of the Spin-Crossover compound Fe(Pm-Bia)2(NCS)2

Monday, February 23, 2026 11:20 AM (30 minutes)

Presenter: PRAKASH, Pulkit (Jülich Centre for Neutron Science-2, Forschungszentrum Jülich)

Session Classification: MATHIPE

Contribution ID: 7

Type: **not specified**

High-Pressure Platform for Swift Heavy Ion Irradiations: Probing Structural Transformations in Extreme Radiation Environments

Monday, February 23, 2026 11:50 AM (30 minutes)

Presenter: TZIFAS, Ioannis (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Session Classification: MATHIPE

Contribution ID: **8**

Type: **not specified**

Nanowires exposed to high-pressure and swift heavy ion irradiation

Monday, February 23, 2026 12:20 PM (30 minutes)

Presenter: SCHRÖCK, Christopher (GSI Helmholtzzentrum für Schwerionenforschung GmbH(GSI))

Session Classification: MATHIPE