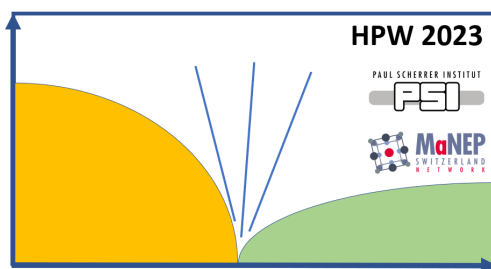


## High Pressure Workshop



Contribution ID: 24

Type: Poster

# Uniaxial-pressure devices for scattering experiments

Over the last years, we have developed and implemented a few different designs of uniaxial pressure devices, specifically optimized for scattering experiments.

I will present the relevant considerations for such experiments, discuss selected recent results and introduce new in-situ devices available for the user program at SINQ.

- [1] GS et al., to appear in Swiss Neutron News, vol. 62 (2023)
- [2] GS et al., Communications Physics 5, 296 (2022)
- [3] GS et al., Review of Scientific Instruments 94, 013906 (2023)
- [4] Guguchia et al., arXiv:2302.07015 (2023)
- [5] Thomarat et al., under review.
- [6] Küspert et al., under review.

**Primary author:** SIMUTIS, Gediminas (PSI - Paul Scherrer Institut)

**Presenter:** SIMUTIS, Gediminas (PSI - Paul Scherrer Institut)

**Session Classification:** Posters + Beers + Wine + Aperero