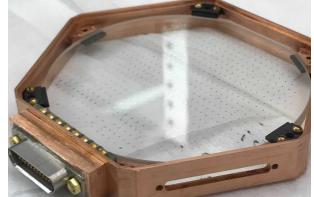
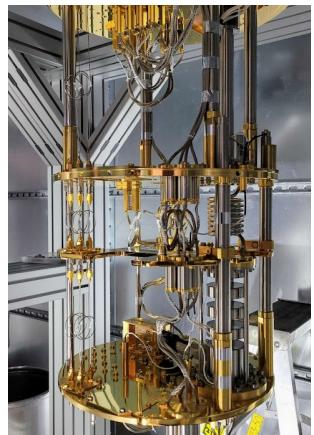


# MSc Project opportunities with Prof. Björn Penning's group

Topics: **Dark Matter, Cryogenic Detectors, Quantum Sensors, Liquid Xenon, Superfluid Helium, Underground Physics, Rare Events**

List of Projects:

- Exploring metal **3D printing** for rare event search
- **Light sensor** test stand
- Light **attenuation measurement** system
- **Muon telescope** for Qrocodile/cryogenic R&D
- Cryogenic **scintillators**
- **Underground lab** background measurements
- Development of cost effective **radon detector**
- Robust **high dimensional modelling** of liquid xenon detectors



If interested **contact** any of the following:

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And check out the QR code for **more info.**

