

Master Thesis opportunity:

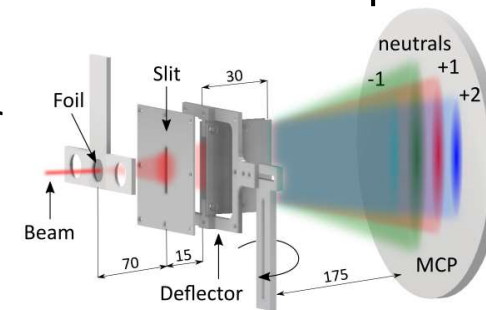
Ion-solid interaction and in-situ sample growth

Energetic ions are used for materials analysis and modification, relevant for many phenomena in outer space & help treating cancer

- Be part of **fundamental research** exploring what happens if energetic ions interact with single crystalline thin film targets
- Help us to **synthesize** and **characterize** – Commencing the operation of a newly developed in-situ preparation chamber
- Access and use of the **Time of Flight - Medium Energy Ion Scattering** facility, the only one in Europe

In this **thesis project** you will:

- ✓ Learn techniques for ultra-thin film growth
- ✓ Work with vacuum technology
- ✓ Learn a lot about physics on the femtosecond scale
- ✓ Be involved in an academic research environment



Find more:

List of publications



Contact for more information:
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