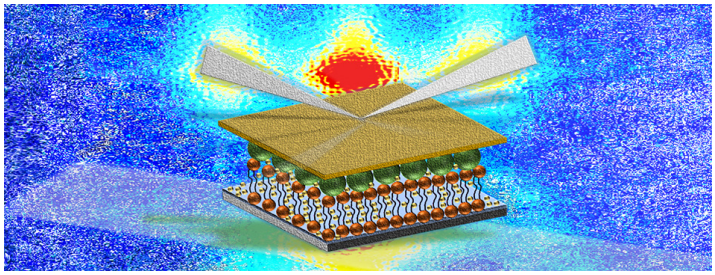

Beitrag ID: **46** Typ: **Poster**

Polarization analysis with 3He for functional interfaces

Mittwoch, 9. Oktober 2024 18:02 (7 Minuten)

Polarization analysis is a useful tool for probing magnetic order or disorder at interfaces. 3He spin filters are powerful because they can provide the 2D resolutions and high signal to noise needed to study such systems. A high performance in-situ polarized 3He polarization analyzer has been in user operation for over 10 years on MARIA (Magnetism reflectometer). More recently a similar analyzer has been commissioned for KWS-1 (SANS) with experiments at ISIS on ZOOM. We will present our unique in-situ polarizer devices and give some scientific examples of data obtained.

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