

## 50 Years of Neutron Backscattering Spectroscopy



Contribution ID: 41

Type: **Invited talks**

### **From classical applications to new materials –science done at SPHERES**

*Friday, 2 September 2016 17:05 (15 minutes)*

The neutron backscattering spectrometer SPHERES (SPectrometer for High Energy RESolution) at MLZ is in user operation since 2007. It enables investigations on a broad range of scientific topics. An overview will be given of science done at SPHERES- from the ‘classical’ applications of backscattering like hyperfine splitting to investigations on new materials like high temperature polymer electrolyte fuel cells.

**Primary author:** Dr ZAMPONI, Michaela (JCNS at MLZ, Forschungszentrum Juelich GmbH)

**Co-authors:** WUTTKE, Joachim; Dr KHANEFT, Marina (JCNS at MLZ)

**Presenter:** Dr ZAMPONI, Michaela (JCNS at MLZ, Forschungszentrum Juelich GmbH)

**Session Classification:** Science overview from Backscattering Workhorses