

## French - German opportunities of cooperation to face the European revolution in neutron science



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### **Incommensurate magnetic systems studied with the three-axis spectrometer (TAS) MIRA**

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The cold-neutron three-axis spectrometer MIRA is an instrument optimized for low-energy excitations. Its excellent intrinsic  $\lambda$ -resolution makes it ideal for studying incommensurate magnetic systems. MIRA uses advanced neutron focusing optics such as elliptic guides, which enable the investigation of small samples under extreme conditions. Scientific topics include the investigation of complex inter-metallic alloys and spectroscopy on incommensurate magnetic structures.

**Author:** GEORGII, Robert

**Co-authors:** SKOULATOS, Markos (TUM); BÖNI, Peter (Technische Universität München)

**Presenter:** GEORGII, Robert

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