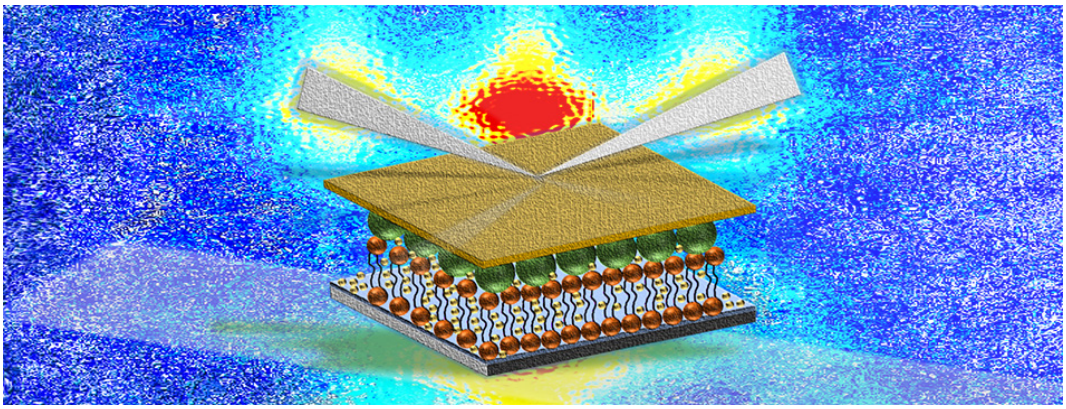
Session Program

Oct 8 – 11, 2024



JCNS Workshop 2024, Trends and Perspectives in Neutron Scattering: Functional Interfaces

Nanoparticles

Evangelische Akademie Tutzing
Schloßstraße 2+4, 82327 Tutzing, Germany

Wed, October 9

3:30 PM

Nanoparticles

Session | **Location:** Evangelische Akademie Tutzing, Schloßstraße 2+4, 82327 Tutzing, Germany

3:30 – 4:00 PM

Magnetization distribution in core/shell magnetic nanoparticles

Speaker
Dominika Zákutná

4:00 – 4:15 PM

Multi-responsive nanostructured materials for the targeted delivery of anticancer agents

Speaker
Prof. HERMIS IATROU

4:15 – 4:30 PM

Time-resolved USAXS and contrast-modified SANS probing ZnO nanocluster formation and mesopore-induced solvent segregation

Speaker
Thomas Sottmann

4:30 – 4:45 PM

Impact of Coating Type on Structure and Magnetic Properties of Biocompatible Iron Oxide Nanoparticles: Insights into Cluster Organization and Oxidation Behaviour

Speaker
Dr Artem Feoktystov

4:45 PM

Thu, October 10

9:00 AM

Nanoparticles

Session | **Location:** Evangelische Akademie Tutzing, Schloßstraße 2+4, 82327 Tutzing, Germany

9:00 – 9:30 AM

Inelastic Neutron Scattering: A technique to probe the soul of magnetic nanoparticles.

Speaker
Elizabeth Martín Jefremovas

9:30 – 9:45 AM

Spin Correlations in Assemblies of Iron Oxide Nanoparticles

Speaker
Leonhard Rochels

9:45 – 10:00 AM

Disentangling anisotropy contributions in Mn-mixed ferrite nanoparticles

Speakers
Dominika Zákutná, Marianna Gerina

10:00 AM