

Poster Session II

Wednesday, 2 June 2021 / Posters 14 – 25

- | | | |
|----|-----------------------|--|
| 14 | Flore Mees | Dipolar correlations in square arrays of magnetic nanoparticles |
| 15 | Denis Mettus | Kinetic small-angle neutron scattering of skyrmion lattice order in chiral magnets |
| 16 | Nileena Nandakumaran | Investigating self-assembly of Au-Fe ₃ O ₄ dumbbell nanoparticles using advanced scattering techniques |
| 17 | Frédéric Ott | Investigations of the magnetization reversal in Co nanowires bundles by Polarized SANS |
| 18 | Yousra Ounza | Spin-glass transition and magnetic properties in manganite perovskite LaBiCaMn ₂ O ₇ |
| 19 | Leonhard Rochels | Effects of pyrolysis on the magnetic structure and dipolar interactions in iron oxide mesocrystals |
| 20 | Evelyn Pratami Sinaga | Magnetic neutron scattering of nanoparticles: failure of the superspin model |
| 21 | Paula Steinberg | Aggregation study of sodium ibuprofenate and 1-butyl-3-methylimidazolium ibuprofenate in aqueous solutions by SANS |
| 22 | Annika Stellhorn | Interplay of proximity effects in Superconductor/Ferromagnet heterostructures |
| 23 | Mohamed Tadout | Engineered Gd-Co based multilayer stack to enhanced magneto-caloric effect and relative cooling power |

Poster Session II

- 24 R. Paxton Thedford **Engineering Mesoscale Architecture in Superconductors via Block Copolymer Self-Assembly**
- 25 Ulrike Zweck **Antiferromagnetically coupled anti-phase domains under external magnetic fields**