

European Conference on Neutron Scattering 2023

Tuesday, 21 March 2023

Poster session TUESDAY: Poster Session TUESDAY - Yards 4 - 6 (16:00 - 18:00)

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[218] Atomistic Simulations of the Magnetic Neutron Scattering from Nanoparticles	Mr ADAMS, Michael	TU-002
[504] Hydrogen bonding and local structure of imidazolium-based ionic liquids in the water-rich domain	ALMASY, Laszlo	TU-004
[243] Investigation of the vortex lattice in NbS ₂ – a potential FFLO candidate	Mr ALSHEMI, Ahmed	TU-006
[115] Coherent and Incoherent Scattering of Tetrahydrofuran from Meso- to Inter-molecular Scales by Neutron Spectroscopy with Polarization Analysis and Spin Echo	ARBE, Arantxa	TU-008
[446] ORSO- The Open Reflectometry Standards Organisation	ARNOLD, Tom STAHN, Jochen	TU-010
[511] Performing an accurate measurement of Δb_i of ^3He using NSE	BABCOCK, Earl	TU-012
[174] FRAPPY a Python Implementation of SECoP	BARTKOWIAK, Marek	TU-014
[507] Status and Perspective of the FRM II Conversion Project	BAUMEISTER, Bruno	TU-016
[332] Short time diffusive properties in polydisperse solutions	BECK, Christian	TU-018
[408] Characterization of the low-dimensional antiferromagnet [Cu(H ₂ O) ₂ (pyz) ₂]Cr ₂ O ₇	BEDDRICH, Lukas	TU-020
[289] Hydrogen bonding in the active site of a triosephosphate isomerase E97Q variant studied by quantum refinement	BERGMANN, Justin	TU-022
[464] Measurement of the Fierz interference term with PERKEO III	BERNERT, Karina	TU-024
[150] Similarities between unfolded protein dynamics and polyelectrolyte dynamics	BIEHL, Ralf	TU-026
[368] Frustration-induced diffuse magnetic scattering in metallic HoInCu ₄	BORALEY, Xavier	TU-028
[112] Current-induced Self-organisation of Vortex Matter Studied by SANS	BREMS, Xaver Simon	TU-030
[180] Model cellular membranes: From flat to strongly curved structures	Prof. CARDENAS, Marite	TU-034
[288] Thermal moderator-reflector design of the 24Hz target station for the High Brilliance Neutron Source	CHEN, Junyang	TU-036
[113] The soft matter and chemistry support facilities at the Institut Laue-Langevin	CHIAPPISI, Leonardo	TU-038
[149] Neutron investigations of high coercivity hexaferrite	CHRISTENSEN, Mogens	TU-040
[356] Best Practices for Management of the Construction Phase of Research Infrastructures: A Preliminary Case Study	CLAUDIO WEBER, Tania	TU-042
[468] Magnetic order in the archetypical 2D van der Waals magnet CrI ₃	DALAL, KAMALDEEP	TU-044
[410] Research and development towards novel spin-selective neutron detectors for fundamental science	DEGENKOLB, Skyler	TU-046
[151] Silver Jubilee for the OSIRIS spectrometer: Achievements and Outlook	DEMMELE, Franz	TU-048

[327] The ILL Deuteration Laboratory (ILL D-Lab)	DEVOS, Juliette	TU-050
[470] Understoichiometric CrBx/TiBy superlattices as novel materials for neutron mirrors	DORRI, Samira	TU-052
[427] Calcium(II)-containing borosilicate aerogels as promising materials for application in regenerative medicine	Dr DUDÁS, Zoltán	TU-054
[48] Magnetic, electric and toroidal polarisation modes describing the physical properties of crystals - the NdFeO3 case	FABRYKIEWICZ, Piotr	TU-056
[137] On the magnetization reduction in iron oxide nanoparticles	Dr FEOKTYSTOV, Artem	TU-058
[148] Exploring the world of biological lipids – deuteration, purification and characterisation of yeast lipids for native-like cell membrane models at ESS	FISHER, Zoe	TU-060
[490] The bispectral chopper spectrometer T-REX	FRANZ, Christian	TU-062
[63] The Source for Ultra-Cold Neutrons at the FRM II	FREI, Andreas	TU-064
[318] The GISANS instrument at the HBS	FRIELINGHAUS, Henrich	TU-066
[34] Fast Calculation of Scattering Patterns Using Hypergeometric Function Algorithms	FÖRSTER, Stephan	TU-068
[291] Bulk texture and microstructure evolution of γ -TiAl alloy during hot compression	GAN, Weimin	TU-070
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[197] SANS-LLB, the new small-angle instrument at SINQ, PSI	GASSER, Urs	TU-074
[309] Accurate determination of bound coherent neutron scattering lengths using Bragg diffraction	GEHLHAAR, Florian	TU-076
[367] Spin wave dispersion of the antiferromagnet CuMnSb	GEORGII, Robert	TU-078
[111] In-situ neutron diffraction and electron microscopy to study deformation mechanisms in Ni-based superalloys	Dr GILLES, Ralph	TU-080
[46] KOMPASS – the polarized cold neutron triple-axis spectrometer at the FRM II	Dr GORKOV, Dmitry	TU-082
[6] Neutron Scattering Kernels for Methane I & II and Ethane III	Prof. GRANADA, Rolando	TU-084
[13] Probing topological interactions in polymers under shear	Dr GVARAMIA, Manuchar	TU-086
[411] Multi-time scale functional protein dynamics probed by quasielastic neutron scattering	HASSANI, Abir Nesrine	TU-088
[467] Multi scale structural insight into cheese by scattering techniques	HEIDEN-HECHT, Theresia	TU-090
[105] Elastic constants and deformation mechanisms in titanium alloys determined through diffraction under mechanical load	HOELZEL, Markus	TU-092
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[236] Activation energy of diffusion determined from a single in-situ neutron reflectometry experiment	Dr HÜGER, Erwin	TU-098
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[52] Neutron diffraction study of the 1/2 quantum magnetization plateau compound Ni ₂ V ₂ O ₇	Dr MATSUO, Masashi MATSUO, Yukari	TU-148
[492] Magnetic Wollaston Prisms for spatial intensity modulations of polarized neutron beams at FRM II	METTUS, Denis	TU-150
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