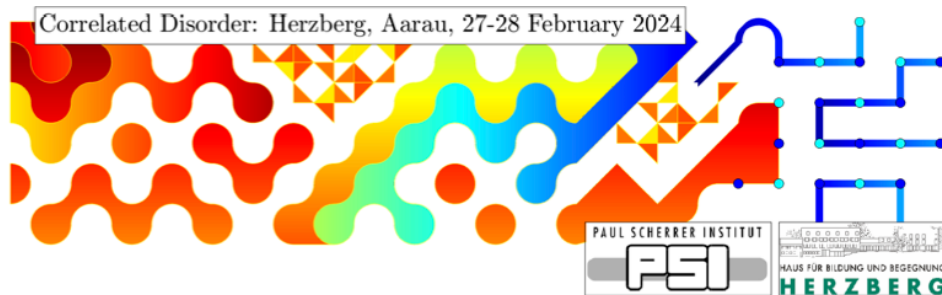


Workshop on Correlated Disorder



Report of Contributions

Contribution ID: 39

Type: **not specified**

Frustration and correlation in superionic conductors

Tuesday 27 February 2024 09:55 (45 minutes)

Presenter: WOOD, Brandon C.

Contribution ID: 40

Type: **not specified**

Modelling O/F ordering in inorganic oxyfluorides

Tuesday 27 February 2024 11:10 (45 minutes)

Presenter: BODY, Monique

Contribution ID: 41

Type: **not specified**

Disorder-induced conductivity in fully reduced solid electrolytes for batteries

Tuesday 27 February 2024 11:55 (20 minutes)

Presenter: FAMPRIKIS, Theodosios

Contribution ID: 42

Type: **not specified**

Tuning magnetoelectricity in a mixed-anisotropy antiferromagnet

Tuesday 27 February 2024 13:20 (45 minutes)

Presenter: FOGH, Ellen (EPFL - EPF Lausanne)

Contribution ID: 43

Type: **not specified**

Room temperature magnetic spirals by design

Tuesday 27 February 2024 14:05 (20 minutes)

Presenter: MEDARDE, Marisa (Paul Scherrer Institut)

Contribution ID: 44

Type: **not specified**

Study on the effect of Fe and Sb doping in the magnetic frustration of $\text{Sr}_2\text{Cu}(\text{W}_{0.5}\text{Te}_{0.5})\text{O}_6$ perovskite

Tuesday 27 February 2024 14:25 (20 minutes)

Presenter: MEDRANO, Cynthia P.C.

Contribution ID: 45

Type: **not specified**

Emergence of highly coherent two-level systems in a noisy and dense quantum network

Tuesday 27 February 2024 14:45 (20 minutes)

Presenter: MÜLLER, Markus

Contribution ID: 46

Type: **not specified**

Fully packed loops

Tuesday 27 February 2024 15:35 (45 minutes)

Presenter: SCHOU ROISING, Henrik

Contribution ID: 47

Type: **not specified**

Effects of critical magnetic fluctuations on skew scattering and thermoelectric effects

Tuesday 27 February 2024 16:20 (45 minutes)

Presenter: ZIMAN, Tim

Contribution ID: 48

Type: **not specified**

Posters

Tuesday 27 February 2024 17:05 (1h 10m)

Contribution ID: 49

Type: **not specified**

Fluctuation-induced spin nematic order in magnetic charge-ice

Wednesday 28 February 2024 08:55 (45 minutes)

Presenter: DERLET, Peter (Paul Scherrer Institut)

Contribution ID: 50

Type: **not specified**

Collective magnetic state induced by charge disorder in the non-Kramers rare-earth pyrochlore Tb₂ScNbO₇

Wednesday 28 February 2024 09:40 (45 minutes)

Presenter: SIMONET, Virginie

Contribution ID: 51

Type: **not specified**

From the modelling of structural disorder towards the understanding of magnetic properties in Tb₂Hf₂O₇

Wednesday 28 February 2024 10:55 (20 minutes)

Presenter: SIBILLE, Romain Franck (PSI - Paul Scherrer Institut)

Contribution ID: 52

Type: **not specified**

Enhanced quantum spin dynamics in substituted non-Kramers spin ice $\text{Ho}_2(\text{Ti}(1-x)\text{Hfx})_2\text{O}_7$

Wednesday 28 February 2024 11:15 (20 minutes)

Presenter: BUJAULT, Nathan

Contribution ID: 53

Type: **not specified**

A symmetry sustaining quantum phase transition in kagome ice

Wednesday 28 February 2024 11:35 (20 minutes)

Presenter: HOLDSWORTH, Peter

Contribution ID: 54

Type: **not specified**

Algebraic loop liquid in CsNiCrF₆

Wednesday 28 February 2024 11:55 (20 minutes)

Presenter: HEMMATZADE, Amirreza (PSI - Paul Scherrer Institut)

Contribution ID: 55

Type: **not specified**

Chemical and Magnetic Frustration in Quantum Magnets

Wednesday 28 February 2024 13:20 (45 minutes)

Presenter: PADDISON, Joe

Contribution ID: 56

Type: **not specified**

Interaction space modelling for the analysis of structural disorder diffuse scattering

Wednesday 28 February 2024 14:05 (45 minutes)

Presenter: SCHMIDT, Ella M.

Contribution ID: 57

Type: **not specified**

Origin of correlated diffuse scattering in the hexagonal manganites

Wednesday 28 February 2024 14:50 (20 minutes)

Presenter: TOŠIĆ, Tara N.

Contribution ID: 58

Type: **not specified**

From order to randomness: Onset and evolution of the random-singlet state in bond-disordered 1D systems

Wednesday 28 February 2024 15:40 (20 minutes)

Presenter: SHIROKA, Toni (PSI - Paul Scherrer Institut)

Contribution ID: 59

Type: **not specified**

Phase Transitions and Magnetic Order in a Ruby Lattice Artificial Spin Ice

Wednesday 28 February 2024 16:00 (20 minutes)

Presenter: BERCHIALLA, Luca

Contribution ID: **60**

Type: **not specified**

Towards Dynamics of Correlated Disorder with High Brilliance X-rays

Wednesday 28 February 2024 16:20 (20 minutes)

Presenter: HUA, Nelson Nientsu (PSI - Paul Scherrer Institut)

Contribution ID: **61**

Type: **not specified**

Truchet-tile architectures in materials chemistry

Tuesday 27 February 2024 09:10 (45 minutes)

Presenter: GOODWIN, Andrew

Contribution ID: **62**

Type: **not specified**

Welcome

Tuesday 27 February 2024 09:00 (10 minutes)