SCES 2022 Amsterdam

Monday 25 July

Poster session MONP01
13.30 – 15.15 - Ruby Lounge, Room E102

Poster # 1
Antonio Sergio Teixeira Pires // *Universidade Federal de Minas Gerais*
Transport on the Lieb lattice // link to abstract.

Poster # 2
Davi Antonio Zau de Alvarenga // *Instituto de física "Gleb Wataghin", Unicamp*
Microscopically unveiling 4f electrons hybridization in the CeCuSb2 Heavy Fermion // link to abstract.

Poster # 3
Denise Christovam // *Max-Planck Institute for Chemical Physics of Solids*
A Sum rule investigation of the 4f ground state of the Kondo semimetal CeNiSn // link to abstract.

Poster # 4
Vivek Kumar // *Technische Universität München, Garching*
Anisotropic magnetic and thermodynamic properties of single crystals of antiferromagnetic CePdAl3 // link to abstract.

Poster # 5
Jörg Sichelschmidt // *Max Planck Institute for Chemical Physics of Solids, Dresden*
Optical study of the electronic structure of locally noncentrosymmetric CeRh2As2 // link to abstract.

Poster # 6
Pavlo Khanenko // *Max Planck Institute for Chemical Physics of Solids, Dresden*
The quadrupole density wave and its interplay with superconductivity in CeRh2As2: a thermodynamic study // link to abstract.

Poster # 7
Hiroyuki Hidaka // *Hokkaido University, Japan*
Investigation of Anisotropy of Lattice Distortion in CeCoSi // link to abstract.

Poster # 8
André Strydom // *University of Johannesburg, South Africa*
The new compound Ce2Rh2Al: a representative of the monoclinic Pr2Co2Al structure type // link to abstract.

Poster # 9
Marvin Lenk // *Physikalisches Institut, Universität Bonn*
DFT + DMFT study of the two-channel quadrupolar Kondo effect in PrV_2Al_{20} // link to abstract.

Poster # 10
Wolfgang Simeth // *Paul Scherrer Institut*
Composition of magnetic interactions in the heavy-fermion system CeIn3 // link to abstract.

Poster # 11
William Knafo // *LNCMI Toulouse, France*
Pulsed-magnetic-field studies of magnetism and superconductivity in UTe2 // link to abstract.

Poster # 12
Shingo Kuniyoshi // *University of the Ryukyus*
Emergence of heavy local Fermi liquid in the underscreened Kondo model with easy-plane anisotropy // link to abstract.

Poster # 13
Magdalena Majewicz // *Institute of Low Temperature and Structure Research, Polish Academy of Sciences*
Possible Lifshitz point in the magnetic phase diagram of UNi2Si2 single crystals // link to abstract.

Poster # 14
Tristan Thebault // *Laboratoire National des Champs Magnétiques Intenses, Toulouse, France*
Anisotropic signatures of the electronic correlations in the electrical resistivity of UTe2. // link to abstract.

Poster # 15
Christian de Podesta // *Universtiy of Cambridge, UK*
High pressure structural intability in CeSb2 // link to abstract.

Poster # 16
Masashi Ohashi // *Kanazawa University*
Single crystal growth of RNiGe2 (R: rare earth) compounds // link to abstract.

Poster # 17
Samuel Gomes de Mercena // *Instituto de Física "Gleb Wataghin", Campinas, SP, Brazil*
Effects of chemical substitution of Bi by Sb on the physical properties of NdCu(Bi1-xSbx)2 compounds // link to abstract.

Poster # 18
Arvind Maurya // *Max Planck Institute for Solid State Research, Germany*
Large magnetocrystalline energy and electron correlations in EuIrSi3 // link to abstract.

Poster # 19
Theo Weinberger // *University of Cambridge*
High pressure structural and electronic instabilities in LaSb2 // link to abstract.

Poster # 20
Tathamay Basu // *Rajiv Gandhi Institute of Petroleum Technology (RGIPT), India*
Strong 4d-4f correlation in multiferroic compound, Ba3HoRu2O9 // link to abstract.

Poster # 21
Corentin Morice // *University Paris-Saclay, France*
Multi-component charge order // link to abstract.

Poster # 22
Sanjay Kumar Upadhyay // *Indian Institute of Science Bangalore*
Magnetic study of mixed-metal garmanates ErFeCuGe4O12 // link to abstract.

Poster # 23
Marius-Adrian Husanu // *National Institute of Materials Physics, Magurele*
Stabilization mechanisms of opposed ferroelectric states // link to abstract.

Poster # 24
Youjin Lee // *Seoul National University*
Magnetic exciton in a multiferroic 2D van der Waals antiferromagnet // link to abstract.

Poster # 25
Fengqi Zhang // *Delft University of Technology, The Netherlands*
Reduced hysteresis and enhanced GMCE in B-doped all-d-metal Ni-Co-Mn-Ti based Heusler materials // link to abstract.

Poster # 26
Mahieddine Lahoubi // *University of Badji Mokhtar Annaba, Algeria*
Low temperature anomalies in the mixed dysprosium-yttrium iron garnets with a connection to the magnetodielectric property of DyIG // link to abstract.

Poster # 27
Vadim Sikolenko // *Karlsruhe Institute of Technology*
Neutron scattering studies of multiferroics based on bismuth ferrites // link to abstract.

Poster # 28
Sonu Chhillar // *School of Basic Sciences, Indian Institute of Technology*
Magnetodielectric coupling as a manifestation of metamagnetic transition and structural distortion in Ba3RRu2O9 (R = Gd, Dy) // link to abstract.

Poster # 29
Gurpreet Kaur // *Indian Institute of Technology*
Magnetic properties and magnetodielectric coupling in mixed metal oxide NdCr0.5Co0.5O3 // link to abstract.

Poster # 30
Boglarka Toth // *Budapest University of Technology and Economics*
Spin excitations of the high temperature transverse conical phase in multiferroic BiFeO3 // link to abstract.

Poster # 31
Masahiro Shinozaki // *Shimane University, Japan*
Study for Physical Properties and Magnetoelectric Response of Ce3TiSb5 // link to abstract.

Poster # 32
Dana-Georgeta Popescu // *National Institute of Materials Physics*
Impact on Ferroelectricity and Band Alignment of Gradually Grown metal on BaTiO3 // link to abstract.

Poster # 33
Xiaotian Zhang // *University of Cambridge, UK*
Magnetoelectric coupling of rare-earth orthotantalates // link to abstract.

Poster # 34
Ina Park // *POSTECH (Pohang University of Science and Technology)*
Manifestation of Hund's rule effect in the optical conductivity near the metal-insulator transition of NiS2. // link to abstract.

Poster # 35
Arwin Kool // *High Field Magnet Laboratory, Radboud University*
Disorder study of the anomalous magnetoresistance in 2H-NbSe2 // link to abstract.

Poster # 36
Prachi Telang // *University of Augsburg, Augsburg, Germany*
Novel metallic phases in pyrochlore iridates // link to abstract.

Poster # 37
Jaroslav Valenta // *National Institute for Materials Science, Japan*
Low temperature criticality at YbCo2 compound // link to abstract.

Poster # 38
Ruo Hibino // *Hokkaido University, Japan*
Elemental Dilution Effect on the Ultrasonic Dispersion of the Non-Kramers Systems Y1-xPrxIr2Zn20 // link to abstract.

Poster # 39
Rikako Yamamoto // *Hiroshima University, Japan*
Feasibility of Two-channel Kondo Effect in Diluted Nd Compounds Y1−xNdxCo2Zn20 for x < 0.1 // link to abstract.

Poster # 40
Benny Lau // *University of Toronto*
Revealing an anisotropic electronic scattering rate in the “non-metallic” metal FeCrAs through the Hall effect // link to abstract.

Poster # 41
Francesco Gabriele // "*Sapienza*" *University of Rome, Rome (Italy)*
Density fluctuations and generalized plasma waves in layered cuprates // link to abstract.

Poster # 42
Pratyay Ghosh // *Julius-Maximilians-Universität Würzburg*
Another exact ground state of a 2D quantum antiferromagnet // link to abstract.

Poster # 43
Dylan Behr // *University College London*
Weak Ferromagnetism and Spin Reorientation in Antiferroelectric BiCrO3 // link to abstract.

Poster # 44
Darren Peets // *IFMP, Technische University Dresden*
Hidden Charge Order in an Iron Oxide Square-Lattice Compound // link to abstract.

Poster # 45
Sheetal Devi // *Indian Institute of Technology Mandi, India*
Field-induced spin freezing and low-temperature heat capacity of Ho2Zr2O7 // link to abstract.

Poster # 46
Belen Elizabeth Zuniga Cespedes // *Max Planck Institute for Chemical Physics of Solids, Germany*
Anomalous Hall Effect in Single-Crystals of the Noncollinear Antiferromagnet Mn3Pt // link to abstract.

Poster # 47
Akihisa Koga // *Tokyo Institute of Technology, Japan*
Majorana-mediated spin transport in Kitaev model at finite temperatures // link to abstract.

Poster # 48
Arjun Unnikrishnan // *Indian Institute of Science, Bangalore (present); Indian Institute of Science Education and Research, Thiruvananthapuram (former)*
Singlet ground state in the alternating spin-1/2 chain compound NaVOAsO4 // link to abstract.

Poster # 49
Leonardo Facheris // *Laboratory for Solid State Physics, ETH Zurich, Switzerland*
Magnetization plateaux in the distorted triangular quantum antiferromagnet Cs2CoBr4 // link to abstract.

Poster # 50
Kazuyuki Matsuhira // *Kyushu Institute of Technology*
Anisotropic magnetic phase diagram of geometrically frustrated iridate Ca5Ir3O12 // link to abstract.

Poster # 51
Bin Shen // *University of Augsburg, Germany*
Pressure-tuning of Li2IrO3 Kitaev materials // link to abstract.

Poster # 52
Denis Arčon // *Institute Jožef Stefan*
pi-orbital order coupled to the spin-1/2 pyrochlore lattice in alkali-sesquioxides // link to abstract.

Poster # 53
Takuto Fujii // *Max Planck Institute for Chemical Physics of Solids*
Field induced magnetic order and quantum spin liquid on planar triangular lattice, TlYbSe2 // link to abstract.

Poster # 54
Dr. Rajib Sarkar // *Technical University of Dresden*
Low temperature spin dynamics in the S = 2 kagome magnet Fe4Si2Sn7O16: An AC susceptibility, NMR and μSR study // link to abstract.

Poster # 55
Matthias Peschke // *University of Amsterdam, The Netherlands*
Competing states in the two-dimensional Kondo-Necklace model on the triangular lattice // link to abstract.

Poster # 56
Ryota Yambe // *The University of Tokyo, Japan*
Classification of anisotropic exchange interactions in momentum space toward understanding multiple-Q instability // link to abstract.

Poster # 57
Heejun Yang // *Seoul National University, Republic of Korea*
Unusual thermal Hall effect in the 3d cobalt Kitaev system Na2Co2TeO6 // link to abstract.

Poster # 58
Kazuki Okigami // *The University of Tokyo, Japan*
Engineering skyrmion crystal in centrosymmetric ferromagnetic/antiferromagnetic bilayers // link to abstract.

Poster # 59
Ranjith Kumar Kizhake Malayil // *LNCMI-CNRS. Grenoble, France*
NMR evidence against spin-nematic nature of the presaturation phase in frustrated magnet SrZnVO(PO4)2 // link to abstract.

Poster # 60
Dirk Wulferding // *Seoul National University, Korea*
Colossal spin-phonon coupling and Higgs-amplitude fluctuations in Nd2Ru2O7 // link to abstract.

Poster # 61
Sven Luther // *Hochfeld-Magnetlabor Dresden (HLD-EMFL), Helmholtz-Zentrum Dresden-Rossendorf, Germany*
Exchange anisotropy and field-induced magnetic order of the triangular-lattice delafossites NaYbCh2 (Ch = O, S, Se) // link to abstract.

Poster # 62
E.V. Sampathkumaran // *HBCSE (TIFR)*
Magnetic field induced magnetic disorder in honeycomb lattice, Tb5Si3 // link to abstract.

Poster # 63
Toshihiro Sato // *Universität Würzburg, Germany*
Quantum Monte Carlo simulations of generalized Kitaev models: applications to α-RuCl3 // link to abstract.

Poster # 64
Július Bačkai // *Slovak Academy of Sciences, Slovakia*
Angle-resolved magnetoresistance in strongly anisotropic quantum magnet TmB4 // link to abstract.

Poster # 65
Yasuyuki Kato // *University of Tokyo*
Magnetic field-temperature phase diagrams and spin excitation spectra for topological multiple-Q magnetic orders // link to abstract.

Poster # 66
Deepak Singh Kathyat // *Harish-Chandra Research Institute*
Engineering antiferromagnetic skyrmions and antiskyrmions at metallic interfaces // link to abstract.

Poster # 67
Dipranjan Chatterjee // *Université Paris-Saclay, France*
From quantum spin liquid to long range order in the distorted kagome compound, Y3Cu9(OH)18 OCl8 // link to abstract.

Poster # 68
Somesh K // *Indian Institute of Science Education and Research, India*
Quantum magnetism of ferromagnetic spin dimers in α-KVOPO4 // link to abstract.

Poster # 69
Lingjia Shen // *Lund University*
Revealing the Impact of Interchain Exchange Interactions on the Magnetic Quasiparticles in a Tomonaga-Luttinger Liquid // link to abstract.

Poster # 70
Mitchell Bordelon // *Los Alamos National Laboratory*
Crystal structure, electronic properties, and unusual antiferromagnetism in tetragonal CeLiBi2 // link to abstract.

Poster # 71
Fumiya Hori // *Kyoto University, Japan*
Magnetic ground state in semiconducting Yb-based compounds with a zigzag-chain structure // link to abstract.

Poster # 72
Sebin Joseph Sebastian // *Indian Institute of Science Education and Research (IISER), India*
Collinear order in the spin-5/2 triangular-lattice antiferromagnet Na3Fe(PO4)2. // link to abstract.

Poster # 73
Beom Hyun Kim // *Korea Institute for Advanced Study*
Field-angle anisotropy of magnon specific heat in proximate Kitaev systems under an in-plane magnetic field // link to abstract.

Poster # 74
Alexander Engelhardt // *Technichal University of Munich, Germany*
Thermodynamic Signatures of the Soliton Lattice in Single-Crystal TbFeO3 // link to abstract.

Poster # 75
Deok-Yong Cho // *Jeonbuk National University, Republic of Korea*
Effects of electron-phonon coupling on the interfacial carriers in Al2O3/TiO2 heterostructure // link to abstract.

Poster # 76
Mucio Amado Continentino // *Centro Brasileiro de Pesquisas Fisicas, Brazil*
Thermoelectric properties of topological chains coupled to a quantum dot // link to abstract.

Poster # 77
Grace Causer // *Technical University of Munich*
Magnetic-Field Controlled Cascade of Soliton Layers in Epitaxial MnSi // link to abstract.

Poster # 78
Mahammad Tahir // *Indian Institute of Technology Kanpur, India*
Observation of giant spin pumping in Ferromagnet – organic semiconductor heterostructures // link to abstract.

Poster # 79
Carlos Rosário // *University of Twente, The Netherlands*
Scanning SQUID microscopy studies of ferromagnetism in LaMnO3 thin films grown on SrTiO3 // link to abstract.

Poster # 80
Ravi Kaushik // *Italian Institute of Technology, Genova, Italy*
First-principles study of momentum-forbidden excitons in bulk 2H-MoX2 (X= S, Se). // link to abstract.

Poster # 81
Xing Gao // *Faculty of Science and Technology and MESA+ Institute for Nanotechnology, University of Twente, The Netherlands*
Multi-level operation in vanadium dioxide-based resistive switching devices // link to abstract.

Poster # 82
Akira Kofuji // *Department of Physics, Graduate School of Science, Kyoto University, Japan*
Relation between anomalous gap dependence of high harmonic generation and extremely strong light-matter coupling // link to abstract.

Poster # 83
Kimoon Lee // *Department of Physics, Kunsan National University, Republic of Korea*
Hole transporting conductor designed by polarizability encouraged strongly correlated oxide // link to abstract.

Poster # 84
SoRa Yun // *Kunsan National University, The Republic of Korea*
Thin-film deposition of Cu-substituted NiWO4 by electron beam evaporation and its device application // link to abstract.

Poster # 85
Inseo Kim // *Kunsan national university of Gunsan, Republic of Korea*
Large polaronic conduction in strongly correlated Cu-substituted NiWO4 // link to abstract.

Poster # 86
Xingchen Chen // *Leiden University, The Netherlands*
NbSe2-Based van der Waals Heterostructure Josephson Junction // link to abstract.

Poster # 87
Craig Topping // *University of St Andrews, UK*
Nanocalorimetry of Quantum Materials // link to abstract.

Poster # 88
Fei Sun // *Max Planck Institute for Chemical Physics of Solids*
A spatially resolved optical method to measure thermal diffusivity // link to abstract.

Poster # 89
Petr Čermák // *Charles University Prague*
MGML.eu - Material Growth & Measurement Laboratory // link to abstract.

Poster # 90
Han-Jin Noh // *Chonnam National University*
Fine details of sixfold Dirac fermions in a pyrite structured PdSb2 // link to abstract.

Poster # 91
Jelle Lorenz // *University of Amsterdam, The Netherlands*
Uniaxial strain effects on the magnetoresistance and Fermi surface of the Dirac nodal-line semimetal ZrSiS // link to abstract.

Poster # 92
Venus Rai // *Jülich Centre for Neutron Science (JCNS-2), Forschungszentrum Jülich, Germany*
Transport and magnetic properties of the topological (Weyl) semimetal: Hexagonal - (Mn1-αFeα)3Ge //link to abstract.

Poster # 93
Ankur Das // *Weizmann Institute of Science*
The Phase puzzle of ν = 0 (charge neutrality) Graphene // link to abstract.

Poster # 94
Ivica Zivkovic // *EPFL, Switzerland*
The origin of the second transition in the Weyl semimetal Co3Sn2S2 // link to abstract.

Poster # 95
Myung-Hwa Jung // *Sogang University, South Korea*
Berry paramagnetism in the Dirac semimetal ZrTe5 // link to abstract.

Poster # 96
Nico Huber // *Technical University Munich, Germany*
Network of topological charges in the electronic structure of CoSi // link to abstract.

Poster # 97
Mario Novak // *University of Zagreb*
Nodal-line driven anomalous susceptibility in ZrSiS // link to abstract.

Poster # 98
Bruno Gudac // *Faculty of Science, University of Zagreb, Croatia*
Quantum oscillations in Zr1-xHfxSiS // link to abstract.

Poster # 99
Jaime ferreira de oliveira // *Centro Brasileiro de Pesquisas Físicas*
Analyse of Anti-symmetric component in the magnetoresistance in Sb-doped tellurium using Fourier analysis // link to abstract.

Poster # 100
Stanislaw Galeski // *University of Bonn, Germany*
Signatures of a magnetic field induced Lifshitz transition in the ultra-quantum limit of the topological semi-metal ZrTe5 // link to abstract.

Poster # 101
Monika Lužnik // *Institute of Solid State Physics, TU Wien*
Thermal and electrical transport in Ce3Bi4Pd3 // link to abstract.

Poster # 102
Dariusz Kaczorowski // *Institute of Low Temperature and Structure Research, Polish Academy of Sciences, Poland; Institute of Molecular Physics, Polish Academy of Sciences, Poland*
Thermodynamic and transport properties of EuZn2As2 single crystals // link to abstract.

Poster # 103
Rafal Wawrzynczak // *Max Planck Institute for Chemical Physics of Solids, Germany*
Ultrasound propagation in candidate material for electron hydrodynamics, Weyl semimetal WTe2 //link to abstract.

Poster # 104
Ayako Ohmura // *Niigata University, Japan*
Structural and superconducting properties of PdTe2 under high pressure // link to abstract.

Tuesday 26 July

Poster session TUEP02
13.30 – 15.15 - Ruby Lounge, Room E102

Poster # 105
Cristian Mauricio Borja Peña // *Universidad de Los Andes, Colombia*
Superconductivity and Charge Density Wave in the Extended Fermi-Hubbard Model with Disorder // link to abstract.

Poster # 106
Yoshihiro Takahashi // *Osaka Metropolitan University, Japan*
Resonant inelastic x-ray scattering of hematite Fe2O3: LDA+DMFT analysis // link to abstract.

Poster # 107
Adam Kłosiński // *University of Warsaw*
Can we kill a hole quasiparticle in an Ising antiferromagnet on a Bethe lattice? // link to abstract.

Poster # 108
Ryszard Radwanski // *Center of Solid State Physics, Poland*
Physics of strong-electron correlations: CoTiO3, Ba2YMoO6 and CeRh2Si2 // link to abstract.

Poster # 109
Koji Inui // *University of Tokyo*
Inverse Hamiltonian design by automatic differentiation // link to abstract.

Poster # 110
Roberto Franco Peñaloza // *Departamento de Física - Universidad Nacional de Colombia - Colombia*
Seeking for conditions that could improve the thermoelectric efficiency in quantum dots systems // link to abstract.

Poster # 111
Floris Balm // *Leiden University, The Netherlands*
Universality of Transport in Holographic Lattices // link to abstract.

Poster # 112
Nicolas Chagnet // *Leiden University*
Holographic quasinormal modes and cuprates physics // link to abstract.

Poster # 113
Masataka Kawano // *Technical University of Munich, Germany*
Sine-square deformed mean-field theory and its application to spin-orbit coupled systems // link to abstract.

Poster # 114
Patrick Vlaar // *University of Amsterdam, The Netherlands*
Tensor network algorithms for 3D quantum systems with applications to the Shastry-Sutherland model // link to abstract.

Poster # 115
Beatriz Pérez-González // *Science Material Institute of Madrid (ICMM-CSIC), Spain*
Tight-binding models coupled to quantum light // link to abstract.

Poster # 116
Songyang Pu // *University of Leeds, England*
Anderson localization in fractional quantum Hall effect at $\nu = n/(2n+1)$ // link to abstract.

Poster # 117
Jose Soto // *Delft University of Technology, The Netherlands*
Quantum Kibble-Zurek mechanism and incommensurate-commensurate phase transitions in chains of Rydberg atoms // link to abstract.

Poster # 118
Min-Chul Cha // *Hanyang University ERICA, South Korea*
Critical Properties of 1-dim Bose-Hubbard model with a Limited Amount of Entanglement // link to abstract.

Poster # 119
Daniel Flavian Blasco // *ETH Zurich, Switzerland*
Critical dielectric susceptibility at a magnetic BEC quantum critical point // link to abstract.

Poster # 120
Krzysztof Wójcik // *Maria Curie-Skłodowska University in Lublin, Poland*
Spin-liquid of 2 Kondo impurities driven by RKKY coupling with or without frustration // link to abstract.

Poster # 121
Manuel Brando // *Max Planck Institute for Chemical Physics of Solids, Germany*
Electronuclear quantum criticality // link to abstract.

Poster # 122
Rajesh Tripathi // *ISIS Facility, STFC, Rutherford Appleton Laboratory, United Kingdom, and Jawaharlal Nehru Centre for Advanced Scientific Research, India*
Quantum critical fluctuations in the non-Fermi liquid system CeRh4Al15 investigated using muon spin relaxation // link to abstract.

Poster # 123
Jereson Silva // *Universidad Nacional de Colombia, Colombia*
The effect of next-neighbor interactions on the ground-state of Bose-Fermi mixtures // link to abstract.

Poster # 124
Cornelius Krellner // *Physikalisches Institut, Goethe University Frankfurt/Main, Germany*
Isotopically pure YbRh2Si2 single crystals with 171Yb, 173Yb, and 174Yb // link to abstract.

Poster # 125
Kai Grube // *Karlsruhe Institute of Technology, Germany*
Lock-in Behavior of the Partially Frustrated Order in CePdAl // link to abstract.

Poster # 126
Huanzhi Hu // *Huanzhi Hu, University College London, UK*
Effects of Kondo Fluctuations on the Néel Quantum Phase Transition // link to abstract.

Poster # 127
Mikolaj Uryszek // *University College London, United Kingdom*
Effects of disorder on quantum phase transitions of two-dimensional Dirac semimetals // link to abstract.

Poster # 128
Andreas W. Rost // *University of St Andrews, UK*
Tuning the Van Hove singularity in Sr3Ru2O7 // link to abstract.

Poster # 129
Emine Bakali // *Technical University of Vienna*
Electrical transport in MBE-grown YbRh2Si2 thin films at mK temperatures // link to abstract.

Poster # 130
Hermann Suderow // *Universidad Autonoma de Madrid*
Tunneling spectroscopy through the magnetic phases of Ce(Ru0.92Rh0.08)2Si2 // link to abstract.

Poster # 131
Fusako Kon // *Hokkaido University, Japan*
Correlation between Antiferromagnetic and Charge-Density-Wave Order in UPt2Si2 Studied by Resonant X-Ray Scattering // link to abstract.

Poster # 132
Hiroshi Amitsuka // *Hokkaido University, Japan*
Observation of current-induced magnetization in the antiferromagnetic state of UPt2Si2 // link to abstract.

Poster # 133
Maria Szlawska // *Institute of Low Temperature and Structure Research, Polish Academy of Sciences, Wrocław, Poland*
Properties of UPd2Si2 close to putative Lifshitz point // link to abstract.

Poster # 134
Tatsuya Yamaguchi // *Osaka Metropolitan University, Japan*
Metal-insulator transition in A-site ordered perovskite oxides ACu3Fe4O12 // link to abstract.

Poster # 135
Farzin Abadizaman // *Masaryk University*
Optical signature of strain-induced ferromagnetism in LaCoO3 thin film // link to abstract.

Poster # 136
Andrea Leon // *Technical University of Dresden, Dresden, Germany*
Ca3Ru2O7: Interplay among degrees of freedom and role of the exchange and correlation // link to abstract.

Poster # 137
Keita Kojima // *Aoyama Gakuin University, Japan*
Development of vanadium zigzag chains in layered LiVSe2 under high pressure // link to abstract.

Poster # 138
Adam Dubroka // *Masaryk University, Czech Republic*
Photo-induced insulator-to-metal transition and coherent acoustic phonon propagation in LaCoO3 explored by femtosecond ellipsometry // link to abstract.

Poster # 139
Diana Csontosova // *Masaryk University, Czech Republic*
Dynamical mean-field study of collective modes in antiferromagnetically ordered systems // link to abstract.

Poster # 140
Cauê Kaufmann Ribeiro // *Laboratory for Quantum Matter Under Extreme Conditions, Institute of Physics, University of São Paulo, Brazil*
Investigation of role of disorder in pristine cage compound FeGa3 // link to abstract.

Poster # 141
Claude Ederer // *Materials Theory, ETH Zurich, Switzerland*
Charge disproportionation and "Hund's insulating" behavior in different transition metal oxides by DFT+DMFT // link to abstract.

Poster # 142
Sungkyun Park // *Pusan National University*
Modified orbital occupancy induced phase transition of VO2 // link to abstract.

Poster # 143
José Guimarães // *Max Planck Institute for Chemical Physics of Solids, Germany*
Ionic based gate control of quantum phase transitions on ZrS2 // link to abstract.

Poster # 144
Mohamamdmehdi Torkzadeh // *Sorbonne Université, Paris*
Large-gap insulating phase induced by magnetic ordering in a two-dimensional material at low temperature // link to abstract.

Poster # 145
Carolina Burger // *Technical University of Munich, Germany*
High-mobility surface conduction in FeSi at low temperatures // link to abstract.

Poster # 146
Dorsa Fartab // *Max Planck Institute for Chemical Physics of Solids, Dresden, Germany*
Gate-tunable insulator-metal transition and weak antilocalization in two-dimensional tellurium // link to abstract.

Poster # 147
Maria Helena Carvalho da Costa // *Universidade Estadual de Campinas, IFGW*
Electron spin resonance on FeSi crystals // link to abstract.

Poster # 148
Remko Fermin // *Universiteit Leiden*
Universal size-dependent nonlinear charge transport in single crystals of the Mott insulator Ca2RuO4 // link to abstract.

Poster # 149
Kazuki Yamamoto // *Kyoto University, Japan*
Universal properties of dissipative Tomonaga-Luttinger liquids: A case study of a non-Hermitian XXZ spin chain // link to abstract.

Poster # 150
Momoka Hayashida // *Kyushu Institute of Technology, Japan*
Current induced hysteresis phenomena in resistivity of spin-orbit coupled iridate Ca5Ir3O12 // link to abstract.

Poster # 151
Yuri Pusep // *University of Sao Paulo*
Diffusion of photo-excited holes in viscous electron fluid // link to abstract.

Poster # 152
Anand Manaparambil // *Adam Mickiewicz University in Poznan, Poland*
Nonequilibrium Seebeck coefficient of a correlated molecular junction // link to abstract.

Poster # 153
Xuanbo Feng // *University of Amsterdam, The Netherlands*
Cascade of charge density wave transitions in selenium doped 1T-TaS2 probed with optics // link to abstract.

Poster # 154
Shun Okumura // *The University of Tokyo, Japan*
Recombination of Weyl points in periodically driven Dirac semimetals // link to abstract.

Poster # 155
Jinhong Park // *Institute for Theoretical Physics, University of Cologne, Germany*
Thermal Hall response: violation of gravitational analogues // link to abstract.

Poster # 156
Hironobu Yoshida // *The University of Tokyo, Japan*
Exact analysis of the Liouvillian gap for the SU(N) Fermi-Hubbard model with two-body loss // link to abstract.

Poster # 157
Sota Kitamura // *University of Tokyo, Japan*
Floquet topological superconductivity induced by chiral many-body interactions // link to abstract.

Poster # 158
Michael Lampl // *Technical University of Munich, Germany*
Pump-Probe AC Susceptibility of LiHoxY1-xF4 (x = 4.5 %) // link to abstract.

Poster # 159
Vladimir Ohanesjan // *Leiden University*
Quantum thermodynamics of strongly correlated systems // link to abstract.

Poster # 160
Mahima M Kurian // *Indian Institute of Technology Madras, India*
Exchange bias effect and inhomogeneous magnetism in 6H Ba3CoFeRuO9 // link to abstract.

Poster # 161
Daniel Keith Brattan // *Ecole Polytechnique*
A hydrodynamic description for transport in the strange metal phase of cuprates // link to abstract.

Poster # 162
Beomjoon Goh // *Pohang University of Science and Technology*
Metal-insulator transition in the Hubbard model under external field // link to abstract.

Poster # 163
Koudai Sugimoto // *Keio University*
Analysis of pump-probe spectroscopy in the extended Hubbard model in the infinite matrix-product-states representation // link to abstract.

Poster # 164
Jianfeng Ge // *Leiden University*
Local shot noise of the putative vortex Majorana modes in FeTe0.55Se0.45 // link to abstract.

Poster # 165
Debarchan Das // *Paul Scherrer Institute, Switzerland*
Disentangling charge order and superconductivity in correlated kagome superconductor CsV3Sb5 // link to abstract.

Poster # 166
Dr. Ankita Singh // *Tata Institute of Fundamental Research, Mumbai, India*
Structural and magnetic anisotropy in YBa2Cu3O7/ La0.67Sr0.33MnO3 bilayer film on SrTiO3 substrate // link to abstract.

Poster # 167
Hiroto Tanaka // *Kyoto University, Japan*
Nonlinear optical responses in two-dimensional superconductors // link to abstract.

Poster # 168
Anas Abdelwahab // *Leibniz University Hannover*
Enhancement of pair correlations in the asymmytric Hubbard ladder // link to abstract.

Poster # 169
Taisei Kitamura // *Kyoto University, Japan*
Enhancement of the superconductivity due to quantum geometry in monolayer FeSe // link to abstract.

Poster # 170
Mac Curtis // *University of Bristol*
Effect of hopping anisotropy on the critical temperature of unconventional, superconducting pairing states // link to abstract.

Poster # 171
Shiki Ogata // *Kyoto University, Japan*
Microscopic evidence of the superconducting multiphase in the noncentrosymmetric heavy-fermion superconductor CeRh2As2 // link to abstract.

Poster # 172
Marc Salis // *University of Amsterdam, The Netherlands*
Heat capacity study of the type-I to type-II superconducting transition in the Dirac semimetal PdTe2 // link to abstract.

Poster # 173
Tatsuya Miki // *Saitama University, Japan*
Odd-frequency pairing in the system with Bogoliubov Fermi surface // link to abstract.

Poster # 174
Maciej Fidrysiak // *Jagiellonian University, Kraków, Poland*
Quantum spin and charge excitations in high-T c cuprates: Variational theory and quantitative comparison with experiment // link to abstract.

Poster # 175
Tsuyoshi Imazu // *Hirosaki University, Japan*
The edge currents and spin polarization of the chiral superconductor in the checkerboard triangular lattice // link to abstract.

Poster # 176
Ram Prakash Pandeya // *Department of Condensed Matter Physics & Material Science, Tata Institute of Fundamental Research, Mumbai*
Emergence of singlet states with superconductivity in CaFe2As2 // link to abstract.

Poster # 177
Charles Tam // *University of Bristol, UK*
Charge density waves and Fermi-surface reconstruction in the clean overdoped cuprate superconductor Tl2Ba2CuO6+δ // link to abstract.

Poster # 178
Ahmed Alshemi // *Lund University, Sweden*
Investigation of the vortex lattice in NbS2 – a potential FFLO candidate // link to abstract.

Poster # 179
Jiasen Niu // *Leiden University, The Netherlands*
1e shot noise below Tc in superconducting tunnel junctions // link to abstract.

Poster # 180
You-Sheng Li // *Max Planck Institute for Chemical Physics of Solids, Germany*
Elastocaloric determination of the phase diagram of Sr2RuO4 // link to abstract.

Poster # 181
Ashley Weiland // *Los Alamos National Laboratory*
Correlating Structure with Superconductivity Variations in UTe2 // link to abstract.

Poster # 182
Gyanendra Singh // *ICMAB-CSIC*
Gate-tunable unconventional superconductivity in 2D oxide interfaces nanodevices // link to abstract.

Poster # 183
Sanu Mishra // *Los Alamos National Laboratory, Los Alamos, USA*
Grain boundaries investigation in the heavy fermion superconductor CeCoIn5 // link to abstract.

Poster # 184
Damla Yesilpinar // *Czech Academy of Sciences*
Growth of FeSe on in-situ cleaved SnSe2 (001) surfaces // link to abstract.

Poster # 185
Henri Menke // *Friedrich-Alexander-Universität Erlangen-Nürnberg*
Spin susceptibility and multiband effects in the Emery model of the cuprate superconductors // link to abstract.

Poster # 186
Javier Landaeta // *Max Planck Institute for Chemical Physics of Solids*
Field-angle dependence reveals odd-parity superconductivity in CeRh2As2 // link to abstract.

Poster # 187
Yuhei Ikeda // *Kyoto University, Kyoto*
Impurity effect on superconducting diode effect // link to abstract.

Poster # 188
Mohamed Oudah // *University of British Columbia*
Type-I Superconductivity in Non-centrosymmetric LaRhGe3 // link to abstract.

Poster # 189
Klaus Hasselbach // *University Grenoble Alpes, CNRS, Institut Néel, 38000 Grenoble, France*
Observation of Chiral Superconductivity in UPt3 by scanning SQUID Microscopy // link to abstract.

Poster # 190
Kim Lefmann // *University of Copenhagen, Denmark*
Investigation of the evolution of magnetic fluctuations in LSCO, measured in the quasi-elastic region // link to abstract.

Poster # 191
Adrien Rosuel // *CEA Grenoble, Pheliqs, France*
Thermodynamic evidence for two superconducting phases at ambient pressure in UTe2 // link to abstract.

Poster # 192
Willem Tromp // *Leiden University, The Netherlands*
Puddle formation, persistent gaps, and non-mean-field breakdown of superconductivity in overdoped (Pb,Bi)2Sr2CuO6+δ // link to abstract.

Poster # 193
Vivek Kumar Anand // *University of Petroleum and Energy Studies, Dehradun, India*
Superconductivity in CaPd2Ge2 and CaPd2As2: A μSR study // link to abstract.

Poster # 194
Marta Fernández-Lomana Gómez-Guillamón // *Universidad Autónoma de Madrid, Spain*
Tunneling spectroscopy at very high magnetic fields in the iron based superconductor KFe2As2 // link to abstract.

Poster # 195
Amber Mozes // *Leiden University, The Netherlands*
Exploring the limits of unconventional superconductivity with a novel complex impedance scanning tunneling microscope // link to abstract.

Poster # 196
Pascal Reiss // *Max Planck Institute for Solid State Research, Stuttgart, Germany*
High Pressure-Tuning of Electron-Doped Cuprate Superconductors // link to abstract.

Poster # 197
Andreas Kreisel // *University of Leipzig*
Superconducting Instabilities in Strongly-Correlated Infinite-Layer Nickelates // link to abstract.

Poster # 198
Raquel Sánchez-Barquilla // *Universidad Autónoma de Madrid*
mK STM studies of FeSe // link to abstract.

Poster # 199
Xie Chengrog // *Tohoku University, Japan*
Majorana zero modes on parallel one-dimensional p-wave superconducting wires // link to abstract.

Poster # 200
Chang-Youn Moon // *Korea Research Institute of Standards and Science*
Pairing symmetries in Sr2RuO4 from first-principles // link to abstract.

Poster # 201
Malte Grosche // *University of Cambridge*
Effect of pressure on normal and superconducting states of YFe2Ge2 // link to abstract.

Poster # 202
Grzegorz Litak // *Lublin University of Technology*
Cooper pairs sizes in two orbital superconductor with d-wave paring // link to abstract.

Thursday 28 July

Poster session THUP03
13.30 – 15.15 - Ruby Lounge, Room E102

Poster # 203
Seungho Seong // *The Catholic University of Korea, Korea*
Temperature-dependent angle resolved photoemission spectroscopy study of the possible topological Kondo insulator CeNiSn // link to abstract.

Poster # 204
Maxime Debertolis // *Institut Néel*
Numerical study of screening clouds around quantum impurities subject to disorder and anisotropy // link to abstract.

Poster # 205
Bernd Wolf // *Goethe University Frankfurt, Germany*
From magnetic order to valence-change crossover in EuPd2(Si1-xGex)2 using He-gas pressure // link to abstract.

Poster # 206
Marius Peters // *Goethe University, Frankfurt, Germany*
Valence fluctuations and structural collapse in Eu-based phosphides EuT2P2 // link to abstract.

Poster # 207
Michal Kwasigroch // *University College London & Trinity College*
Magnetic hard-direction ordering in anisotropic Kondo systems // link to abstract.

Poster # 208
Michael Turaev // *University of Bonn*
Kondo systems with periodically driven dipole transitions // link to abstract.

Poster # 209
Petr Král // *Charles University, Faculty of Mathematics and Physics, Department of Condensed Matter Physics, Czech Republic*
Microscopic essence of magnetism in Ce2Pd2In at ambient and elevated pressures // link to abstract.

Poster # 210
Piotr Majek // *Adam Mickiewicz University, Poland*
Thermoelectric signatures of Majorana-Kondo interplay in double quantum dots // link to abstract.

Poster # 211
Jannis Willwater // *IPKM, TU Braunschweig, Germany*
Magnetic phase diagram and novel electronic phase in U2Rh3Si5 // link to abstract.

Poster # 212
Ricardo Urbano // *State University of Campinas, Gleb Wataghin Institute of Physics, Brazil*
Orbital anisotropy probed by hyperfine couplings in Kondo lattice materials // link to abstract.

Poster # 213
Yuka Kusanose // *Hiroshima University*
Quadrupole phase transition in a cubic 4f 2 compound PrCdNi4 with a non-Kramers doublet ground state // link to abstract.

Poster # 214
Henrique Pizzi // *Instituto de física "Gleb Wataghin", Universidade Estadual de Campinas*
Magnetic properties of TbCuBi2 Intermetallic compound // link to abstract.

Poster # 215
Shun Yanagiya // *Hokkaido University*
Detailed magnetic phase diagram in CeCoSi for single crystal // link to abstract.

Poster # 216
Owen Moulding // *Institut Neel, France*
Crystal-Electric-Field excitations of CeCoSi unveiled by Raman spectroscopy // link to abstract.

Poster # 217
Gabriel Silva Freitas // *University of Campinas*
Crystalline electric field effect and anisotropic magnetic interactions in RTBi2 (R=Ce, Pr, Nd;T=Cu, Au) // link to abstract.

Poster # 218
Nicolas Gauthier // *Université de Sherbrooke, Canada*
Probing field-induced CEF mixing in CeRhIn5 with field-angle dependence measurements // link to abstract.

Poster # 219
David Sviták // *Charles University, Faculty of Mathematics and Physics, Department of Condensed Matter Physics*
Magnetoelastic coupling in PrNi5 // link to abstract.

Poster # 220
Abhijit Bhat Kademane // *UNiversity of Stavanger*
Crystal fields and Magnetic frustration in SrTm2O4 // link to abstract.

Poster # 221
Pallavi Kushwaha // *CSIR- National Physical Laboratory, India*
Cobalt substitution induced ferromagnetism in PdCrO2 // link to abstract.

Poster # 222
Katsuki Nihongi // *Osaka University, Japan*
High field magnetism of the triangular lattice antiferromagnet CsFeCl3 under high pressure // link to abstract.

Poster # 223
Kwang-Yong Choi // *Sungkyunkwan University, South Korea*
Gauge-flux-driven Kondo screening in α-Ru1−xCrxCl3 // link to abstract.

Poster # 224
Russell Ewings // *ISIS Pulsed Neutron and Muon Source*
Metastable antiphase boundary ordering in CaFe2O4 // link to abstract.

Poster # 225
Aritro Mukherjee // *University of Amsterdam, The Netherlands*
Probing Flat Band Physics in Spin Ice Systems via Polarized Neutron Scattering. // link to abstract.

Poster # 226
Geoffroy Haeseler // *ENSL, CNRS, Laboratoire de physique, F-69342 Lyon, France.*
Kasteleyn Transition in Coulomb phase // link to abstract.

Poster # 227
Sreejith Thamban // *Helmholtz-Zentrum Berlin, Germany and Technical University Berlin, Germany*
Single Crystal Growth and Physical Properties of Distorted Triangular Lattice quantum magnet La2CuGe2O8 // link to abstract.

Poster # 228
Andrej Pustogow // *Institute of Solid State Physics, TU Wien, Vienna, Austria*
Thirty-Year Anniversary of κ-(BEDT-TTF)2Cu2(CN)3: Reconciling the Spin Gap in a Spin-Liquid Candidate // link to abstract.

Poster # 229
Nina Stilkerich // *Max Planck Institute for Chemical Physics of Solids, Germany*
Nonlinear stress-strain relation of PdCrO2 // link to abstract.

Poster # 230
Margherita Parodi // *University of Genova, Italy*
Magnon contributions to thermal conductivity in non-collinear magnets // link to abstract.

Poster # 231
Michael Graf // *Dept. of Physics, Boston College*
A muSR study of novel magnetic ordering in LiYbO2 // link to abstract.

Poster # 232
Arnob Mukherjee // *University of Tennessee, Knoxville, USA*
Engineering antiferromagnetic skyrmions and antiskyrmions at metallic interfaces // link to abstract.

Poster # 233
Markus Drescher // *Technische Universität München, Germany*
Dynamical Spin Structure Factor of the spin-1/2 J1-J2 Heisenberg Model on the Triangular Lattice // link to abstract.

Poster # 234
Hui-Ke Jin // *Technical University of Munich*
Possible chiral spin liquid state in the S = 1/2 kagome Heisenberg model // link to abstract.

Poster # 235
Takanori Kida // *Osaka University*
Pressure effects on the magnetism of the S = 1/2 spin ladder Cu(DEP)Br2 // link to abstract.

Poster # 236
Simon Rousseau // *Laboratoire National des Champs Magnétiques Intenses, Grenoble, France*
The Skyrmion Phase of the Chiral Antiferromagnet EuPtSi Studied by Transport Measurements // link to abstract.

Poster # 237
Julian Sereni // *Low Temperature Division, Centro Atómico Bariloche, Argentina*
Evidences for a Skyrmion phase formation in Eu2Pd2Sn // link to abstract.

Poster # 238
Kavipriya Thangavel // *University of Leipzig, Germany*
EPR and SQUID Interrogations of Chromium Trimer Complexes in the MIL-101(Cr) and MIL-100(Al/Cr) MOFs // link to abstract.

Poster # 239
Akmal Hossain // *Indian Institute of Science, India*
Y2CuTiO6: A novel low temperature dynamic correlated 3D-paramagnet on a randomly diluted planar triangular lattice // link to abstract.

Poster # 240
Christoph Resch // *Technical University Munich, Germany*
Single-crystal growth and low temperature properties of ErB2 // link to abstract.

Poster # 241
Aleksandr Sukhanov // *Technische Universität Dresden*
Frustration model and spin excitations in the helimagnet FeP // link to abstract.

Poster # 242
Noah Winterhalter-Stocker // *University of Augsburg, Germany*
Low temperature thermodynamic characterization of the spin-1/2 triangular antiferromagnet Na2BaCo(PO4)2 // link to abstract.

Poster # 243
Kazuya Miyagawa // *University of Tokyo, Japan*
NMR studies of the spin liquid candidate material, k-(ET)2Cu2(CN)3, with varying magnetic field and pressure // link to abstract.

Poster # 244
Toru Sakai // *University of Hyogo*
Quantum spin nematic liquid in the low-dimensional anisotropic magnets // link to abstract.

Poster # 245
Kiyu Fukui // *The University of Tokyo, Japan*
Feasibility study of Kitaev quantum spin liquid for ultracold polar molecules and higher spin materials // link to abstract.

Poster # 246
Shin Miyahara // *Fukuoka University, Japan*
Theory of absorption in Shastry-Sutherland material SrCu2(BO3)2 // link to abstract.

Poster # 247
Lukas Worch // *Technical University of Munich, Germany*
Vibrating-coil and membrane-based-Faraday magnetometry of the magnetic phase diagram of Gd3Ga5O12 at low temperatures // link to abstract.

Poster # 248
Edward Riordan // *Institut Néel CNRS, Grenoble, France*
Advanced magnetocaloric materials for adiabatic demagnetization Spin dynamics of the quantum dipolar magnet Yb3Ga5O12 // link to abstract.

Poster # 249
Kento Kojima // *Aoyama Gakuin University, Japan*
A cluster extension of the spin wave theory for spin excitation spectra // link to abstract.

Poster # 250
Yoshito Watanabe // *The University of Tokyo, Japan*
Bose-Einstein Condensations in quasi-2D Diluted S = 3/2 Quantum Magnets // link to abstract.

Poster # 251
Wilhelm Kadow // *Technical University of Munich, Germany*
Hole Spectral Function of a Chiral Spin Liquid in the Triangular Lattice Hubbard Model // link to abstract.

Poster # 252
Gervasi Herranz // *Institute for Materials Science of Barcelona, ICMAB-CSIC, Spain*
Spin-orbit mixed states in an electromagnetic field // link to abstract.

Poster # 253
Josse Muller // *University of Groningen, Netherlands*
Three-Dimensional Skyrmions in chiral non-collinear antiferromagnets // link to abstract.

Poster # 254
Sopheak Sorn // *Karlsruhe Institute of Technology, Germany*
Fractonic behaviors of skyrmions in chiral magnets // link to abstract.

Poster # 255
Aman Kumar // *Tata Institute of Fundamental Research, India*
Thermal Hall transport calculations in Kitaev-Heisenberg model // link to abstract.

Poster # 256
Emma Ynill Lenander // *University of Copenhagen, Denmark*
ClassiC, a package for simulating classical spin dynamics at finite temperatures // link to abstract.

Poster # 257
Guratinder Kaur // *The University of Edinburgh, UK*
Tuning exchanges in frustrated diamond-lattice antiferromagnet: MnSc2Se4 // link to abstract.

Poster # 258
Piyush Jeena // *CNRS - Laboratoire Ondes et Matière d'Aquitaine, Bordeaux*
Engineering magnetic frustration with impurities // link to abstract.

Poster # 259
Matúš Orendáč // *Institute of Experimental Physics, Slovak Academy of Sciences, Slovakia*
Quantum oscillations in heat capacity and charge transport of the unconventional insulator SmB6 // link to abstract.

Poster # 260
Maria Victoria Ale Crivillero // *Max Planck Institute for Chemical Physics of Solids, Dresden, Germany*
Exploring Eu5In2Sb6, a non-symmorphic antiferromagnet: from macroscopic to atomic length scales // link to abstract.

Poster # 261
Po-Ya Yang // *Max Planck Institute for Chemical Physics of Solids, Germany*
Orbital Differentiation in Sr2RuO4 under Uniaxial Stress // link to abstract.

Poster # 262
Yuki Utsumi Boucher // *Institute of Physics, Croatia*
Angle-resolved photoelectron spectroscopy of Yb(Ni1-xCox)3Ga9 // link to abstract.

Poster # 263
Izidor Benedičič // *University of St Andrews, United Kingdom*
Compass-like manipulation of nematicity in Sr3Ru2O7 // link to abstract.

Poster # 264
Jasper Linnartz // *HFML, Radboud University, Netherlands*
Fermi surface and nested magnetic breakdown in WTe2 // link to abstract.

Poster # 265
Simli Mishra // *Max Planck Institute for Chemical Physics of Solids, Dresden, Germany*
Investigation of temperature dependent thermal transport in Sr2RuO4 and Sr3Ru2O7 over a wide temperature range // link to abstract.

Poster # 266
Minjae Kim // *Korea institute for advanced study, South Korea*
Emergent Phase Diagram of Ruthenates : SrRuO3-SrTiO3 Heterostructure // link to abstract.

Poster # 267
Shingo Araki // *Okayama University, Japan*
Localized-to-itinerant crossover in CeIn3 // link to abstract.

Poster # 268
Rahul Mahavir Varma // *Indian Institute of Science, India*
Electronic structure across the antiferromagnetic transition of NiO // link to abstract.

Poster # 269
Michelle Hollricher // *Technical University of Munich, Germany*
Investigation of de Haas-van Alphen oscillations under temperature modulation in Bi // link to abstract.

Poster # 270
Sven Friedemann // *University of Bristol, United Kingdom*
Mutually stabilised electronic and structural transition in high-pressure sulphur // link to abstract.

Poster # 271
Saumya Mukherjee // *University of Amsterdam, The Netherlands*
Nodes of different speeds: anisotropy of the nodal electronic structure in single-layered Pb-Bi2201 high-Tc superconductors // link to abstract.

Poster # 272
Susanne Schulz // *TU Dresden, Germany*
Cubic Rashba effect and 2D-ferromagnetism at the iridium-silicide surfaces of antiferromagnetic GdIr2Si2 and mixed-valent EuIr2Si2 // link to abstract.

Poster # 273
Marcin Mucha-Kruczynski // *University of Bath, UK*
Lifshitz transition-induced tuning of charge density waves in 2H-TaSe2 // link to abstract.

Poster # 274
Paweł Starowicz // *Jagiellonian University, Poland*
Electronic structure of the Ce3PdIn11 heavy fermion system with two inequivalent Ce sites // link to abstract.

Poster # 275
Shailja Sharma // *Indian Institute of Technology Mandi, India*
Quantum Oscillations and ARPES Studies of PdxBi2Te3 Topological Insulator // link to abstract.

Poster # 276
Sonika Bagga // *School of Basic Sciences, Indian Institute of Mandi, India*
Planar Hall effect in Cu intercalated PdTe2 // link to abstract.

Poster # 277
Charles Mielke III // *Paul Scherrer Institute, Switzerland*
Intriguing magnetism of the topological kagome magnet TbMn6Sn6 // link to abstract.

Poster # 278
Ayanesh Maiti // *Indian Institute of Science*
Temperature dependence of Dirac Fermions in SnTe // link to abstract.

Poster # 279
Indranil Roy // *Weizmann Institute of Science, Israel*
Imaging Chern mosaic and Berry-curvature magnetism in magic-angle graphene // link to abstract.

Poster # 280
Davide Pizzirani // *Radboud University - IMM - HFML*
Magneto-resistance and quantum oscillations in thin ZrSiSe flakes // link to abstract.

Poster # 281
Orest Pavlosiuk // *Institute of Low Temperature and Structure Research, Polish Academy of Sciences*
Magnetotransport properties of half-Heusler antiferromagnets SmPtBi and DyPtBi // link to abstract.

Poster # 282
Takanori Sugimoto // *Osaka University, Japan*
High-dimensional Hofstadter butterfly induced by aperiodic magnetic field in quasicrystalline topological insulator // link to abstract.

Poster # 283
Pantelis Bampoulis // *University of Twente, The Netherlands*
Is epitaxial germanene a two-dimensional topological insulator? // link to abstract.

Poster # 284
Thies Jansen // *University of Twente*
Topological insulating bilayers and related interface effects // link to abstract.

Poster # 285
Tomasz Toliński // *Institute of Molecular Physics, Polish Academy of Sciences*
Magnetic properties of the higher-order topological insulator EuIn2As2 // link to abstract.

Poster # 286
L K Saini // *Department of Physics, SV NIT, Surat India*
Coulomb drag study of inhomogeneous dielectric medium: Hole-hole dynamic screening in 2D-GaAs DQW // link to abstract.

Poster # 287
Rui Aquino // *Rio de Janeiro State University*
Exceptional Points in Fermi Liquids with multipolar interactions // link to abstract.

Poster # 288
Dongwook Kim // *Pohang University of Science and Technology, South Korea*
Drastic Magnetic Anisotropy Change Under Electric Field in FenGeTe2(n=3, 4) Monolayers: Density Functional Theory Perspective // link to abstract.

Poster # 289
Michal Kiaba // *Masaryk University*
Structural and magnetic properties of LaFeO3/SrTiO3 superlattices // link to abstract.

Poster # 290
Orion Ciftja // *Prairie View A&M University, USA*
The energy of a two-dimensional electron gas with finite thickness // link to abstract.

Poster # 291
Jae-Ho Chung // *Korea University, Republic of Korea*
Topological Dirac magnons in honeycomb ferromagnets // link to abstract.

Poster # 292
Shroya Vaidya // *University of Warwick, England*
Electronic and Magnetic Properties of Fe3GeTe2 at High Magnetic Fields // link to abstract.

Poster # 293
Herwig Michor // *Institute of Solid State Physics, TU Wien, Austria*
Single Crystal Studies of Charge Density Wave Physics in Quasi-1D Metals RNiC2 // link to abstract.

Poster # 294
Marta Roman // *Gdansk University of Technology, Poland*
Single-crystal studies of the charge density wave and magnetism in TmNiC2 // link to abstract.

Poster # 295
Debasmita Pariari // *Indian Institute of Science, India*
Understanding the electronic structure of MoS2: Effect of chemical exfoliation and mechanical strain // link to abstract.

Poster # 296
Tatsuto Hatanaka // *University of Tokyo, Japan*
First-principles study of intercalated transition metal dichalcogenides // link to abstract.

Poster # 297
Sreya Suresh // *Indian Institute of Technology, Madras, India*
Signatures of Correlated Quantum Transport in Spintronic Heterostructures // link to abstract.

Poster # 298
Sreejith P K // *Indian Institute of Technology Madras, India*
Interplay of weak localization and magnetism in strongly correlated PrCo0.5Ni0.5O3 thin films grown on SrTiO3 substrates // link to abstract.

Poster # 299
Evgeny Stepanov // *CPHT, CNRS, Ecole Polytechnique, France*
Coexisting charge density wave and magnetic instabilities in monolayer InSe and Pb/Si(111) systems // link to abstract.

Poster # 300
Aditya Putatunda // *Istituto Italiano di Technologia*
Magnetism in strongly correlated twisted bilayers from first principles // link to abstract.

Poster # 301
Noah Meyer // *University of Cambridge*
Pressure-induced structural phase transitions in 2D van der Waals material NiPS3 // link to abstract.

Poster # 302
Jinwon Lee // *Leiden University, The Netherlands*
Atomic adsorbate identifying a correlated Mott insulator // link to abstract.

Poster # 303
Fernando Passos // *University of São Paulo, São Paulo*
Magnetic, electronic, and structural investigation of the strongly correlated Sm1-xYxCo5 system // link to abstract.

Poster # 304
Jesla P K // *Indian Institute of Technology Madras, India*
Magnetic properties of a multicomponent intermetallic compound Tb0.25Dy0.25Ho0.25Er0.25Al2 // link to abstract.

Poster # 305
Manuel Nunez-Regueiro // *Institute NEEL CNRS*
Possible high temperature superconducting transitions in bulk twisted graphite // link to abstract.

Poster # 306
O Hamutu // *Delft University of Technology, The Netherlands*
Exploration in new room temperature magnetocaloric materials: structure and magnetocaloric properties in Mn5(Si,P)B2 compounds // link to abstract.

Poster # 307
Ho Keun Lee // *Kangwon National University, Republic of Korea*
Effects of Lead sulfate doping on the formation and superconducting properties of (Bi2-xPbx)Sr2Ca2Cu3Oz superconductors // link to abstract.

Poster # 308
Thomas Gruner // *University of Cambridge, UK*
Solid-state refrigeration with enormous heat absorption to less than 120mK: Application of metallic magnetocaloric // link to abstract.

Poster # 309
Thom Ottenbros // *High Field Magnet Laboratory, Radboud University Nijmegen, Netherlands*
Thermal Expansion and Magnetostriction of GdTe3 // link to abstract.