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- MP 2 *Physical properties of the heavy fermion antiferromagnet CePdIn under pressure*
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- MP 3 *Temperature-field phase diagram of CePdAl*
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- MP 4 *Effect of tuning parameters on the partially frustrated magnetic order in ePdAl*
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- MP 5 *Signature of frustrated moments in quantum critical $\text{CePd}_{1-x}\text{Ni}_x\text{Al}$*
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- MP 6 *Path Integral version of the Schrieffer-Wolff transformation*
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- MP 7 *Universal Knight shift anomaly in doped Periodic Anderson model*
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- MP 8 *Transport spectroscopy and Electronic Topological Transitions in heavy fermion materials*
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- MP 9 *Strange metal state near a heavy-fermion quantum critical point*
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- MP 10 *Quantum Multicritical Point in YbRh_2Si_2*
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- MP 11 *Advancing the crystal quality and dimensions in the crystal growth process of $\text{Yb}(\text{Rh}_{1-x}\text{Ir}_x)_2\text{Si}_2$*
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- MP 12 *Microstructured YbRh_2Si_2 and YbNi_4P_2 : Magnetoresistance at low temperatures*
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- MP 13 *Multi Critical Points in $(\text{Ce}_{1-x}\text{Nd}_x)_3\text{Al}$*
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- MP 14 *Magnetic and structural phase transitions in $\text{CeCu}_{6-x}\text{Au}_x$*
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- MP 15 *Heavy electrons - 40 years after: Fine electronic structure of UPd_2Al_3 , CeCu_2Si_2 , YbRh_2Si_2 , LaCoO_3 , FeO and NiO*
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- MP 16 *CeCu₂Si₂: Crystal fields (CF) and phonons revisited employing INS with triple-axis spectrometers*
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- MP 17 *Point contact spectroscopy studies on CeCu₂Si₂ and CeRu₂Al₁₀*
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- MP 19 *Incommensurate short-range multipolar order parameter of phase II in Ce₃Pd₂₀Si₆*
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- MP 20 *Field-induced phase transition in Ce₃M₄Sn₁₃ with M = Co, Rh, and Ru*
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- MP 21 *Point-contact spectroscopy study on the hidden order state of PrFe₄P₁₂*
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- MP 22 *Low Temperature Thermal Expansion and Magnetostriction of PrIr₂Zn₂₀*
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- MP 23 *An empirical approach to the 2 mK transition in YbRh₂Si₂*
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- MP 24 *Is CeCu₆ Possibly a Heavy-Fermion Superconductor?*
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- MP 25 *THz response of CeCoIn₅ and evolution of effective mass in the non-Fermi liquid regime*
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- MP 27 *Chiral symmetric phases in ³He and UPt₃*
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- MP 28 *Pronounced Enhancement of the Lower Critical Field Deep in the Superconducting State of LaRu₄As₁₂*
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- MP 29 *Nodeless superconductivity with multiple gaps in (Li_{1-x}Fe_x)OHFeSe*
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- MP 30 *Andreev reflection via the Blonder-Tinkham-Klapwijk formalism in 2d relativistic materials*
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- MP 31 *Constructive feedback of electron pairing on the Kondo effect*
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- MP 32 *Classical and quantum criticalities and spin-triplet pairing in UGe_2 : A simple unified picture of correlated states*
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- MP 33 *Ferromagnetic ordering in the presence of instability to paramagnon singlet pairing (for example UGe_2)*
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- MP 34 *Hard axis ordering in ferromagnetic $YbNiSn$*
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- MP 35 *$YbNi_4(P_{1-x}As_x)_2$: Single crystal growth and characterization*
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- MP 36 *Quantum Tricritical Points in $NbFe_2$*
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- MP 37 *Revealing the Hidden Heavy Fermi Liquid in $CaRuO_3$*
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- MP 38 *Anomalous charge-spin transport in the TI/FM junctions*
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Posters Tuesday

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- TP 2 *Quantum Hysteresis in Coupled Photon-Spin Systems*
F. J. Gómez-Ruiz, O. L. Acevedo, L. Quiroga, F. J. Rodríguez, and N. F. Johnson
- TP 3 *Quantum criticality in a self-dual topological Ginzburg-Landau theory of Josephson junction arrays*
S. Sakhi
- TP 4 *Quantum criticality and the non-linear I-V curve of two-channel Kondo-Luttinger system*
C.-Y. Lin, Y.-Y. Chang, N. Andrei, and C.-H. Chung
- TP 5 *Low-frequency charge carrier dynamics in the Mott insulating phase of quasi-two-dimensional organic conductors*
J. Müller, B. Hartmann, T. Thomas, J. Polzin, and T. Sasaki
- TP 6 *Breakdown of Hooke's law of elasticity at the Mott critical endpoint in an organic conductor*
E. Gati, M. Garst, R. S. Manna, U. Tutsch, B. Wolf, L. Bartosch, H. Schubert, T. Sasaki, J. A. Schlueter, and M. Lang
- TP 7 *Ground-state phase diagram of the $J_1 - J'_1 - J_2$ chain*
C.E. Agrapidis, S. Drechsler, J. van den Brink, and S. Nishimoto
- TP 8 *Reconstruction of Majorana Fermions Induced by Anisotropy in XYZ Spin Chain*
T. Sugimoto, S. A. Jafari, and T. Tohyama

- TP 9 *Quasi-one dimensional spin chains and unconventional magnetic excitations in YbAlO_3*
S.E. Nikitin, L.S. Wu, L. Vasylechko, and A. Podlesnyak
- TP 10 *Static and Dynamic Magnetic Properties of $S = 1/2$ Inequilateral Diamond-Chain Compounds $\text{A}_3\text{Cu}_3\text{AlO}_2(\text{SO}_4)_4$ ($A = \text{K, Rb, Cs}$)*
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- TP 11 *Physical properties of single crystalline YbCo_6Ge_6*
Y. J. Zhang, F. Gao, C.Y. Guo, Y.F. Wang, W.B. Jiang, H.Q. Yuan, Horst Borrmann, Yuri Grin, F. Steglich, and Lee Hanoh
- TP 12 *The magnetic phase diagram of the frustrated spin-chain linarite as seen by neutron diffraction*
L. Heinze, B. Willenberg, J.-U. Hoffmann, A.U.B. Wolter-Giraud, K.C. Rule, B. Ouladdiaf, and S. Süllo
- TP 13 *Low temperature thermodynamic properties of the quantum spin liquid candidate YbMgGaO_4*
Sebastian Bachus, Yoshifumi Tokiwa, Andreas Wörl, Yuesheng Li, and Philipp Gegenwart
- TP 14 *Exotic elementary excitations in quantum spin ice*
Y. Tokiwa, T. Yamashita, D. Terazawa, K. Kimura, Y. Kato, M. Udagawa, S. Kittaka, T. Sakakibara, M. Halim, P. Gegenwart, Y. Yasui, T. Shibauchi, S. Nakatsuji, E.-G. Moon, and Y. Matsuda
- TP 15 *Evolution of Magnetic Behaviour with Hole Doping in $\text{Y}_2\text{Ir}_2\text{O}_7$*
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- TP 16 *Search for magneto-hydrodynamics in the delafossite metals PdCoO_2 and PtCoO_2*
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- TP 17 *TELBE: High-field high-repetition-rate coherent THz light source for basic research and application*
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- TP 18 *A uniaxial stress capacitive dilatometer and a extreme tiny measuring cell for high-resolution thermal expansion and magnetostriction*
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- TP 19 *The response of a triangular antiferromagnet to anisotropic lattice distortion*
Dan Sun, Jack Bartlett, Jhuma Sannigrahi, Pallavi Kushwaha, Andrew Mackenzie, and Clifford Hicks
- TP 20 *Approaching a Van Hove Singularity in Sr_2RuO_4 Using Uniaxial Stress*
M. E. Barber, A. S. Gibbs, Y. Maeno, C. W. Hicks, and A. P. Mackenzie
- TP 21 *Heat Capacity Measurements of Sr_2RuO_4 Under Uni-axial Stress*
You-Sheng Li, Alexandra Gibbs, Andrew P. Mackenzie, Clifford W. Hicks and Michael Nicklas
- TP 22 *Stress - Temperature Phase Diagram of Antiferromagnetic order in CeAuSb_2 Under Uniaxial Pressure*
Joonbum Park, Hideaki Sakai, Andrew P. Mackenzie, and Clifford W. Hicks
- TP 23 *Kondo insulator SmB_6 under strain: surface dominated conduction near room temperature*
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- TP 24 *Investigation of the energy scales in SmB_6 by scanning tunneling microscopy*
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- TP 25 *Topological nature of the Kondo insulator SmB_6 via planar tunneling spectroscopy*
W. K. Park, L. Sun, A. Noddings, D.-J. Kim, Z. Fisk, and L. H. Greene
- TP 26 *CeRu_4Sn_6 : Non-trivial topology in a strongly correlated material?*
D. A. Zocco, J. Hänel, L. Prochaska, H. Winkler, M. Taupin, J. Larrea J., A. M. Strydom, H. M. Rønnow, X. Yan, A. Prokofiev, and S. Paschen
- TP 27 *CeSb : Evidence for Weyl fermions in a magnetic Kondo system*
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- TP 28 *Inducing superconductivity in Weyl semi-metal microstructures by selective ion sputtering*
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- TP 29 *Topological quantum phase transition and superconductivity induced by pressure in the bismuth tellurohalide BiTeI*
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- TP 30 *Pressure tuning the anomalous Hall effect in the noncollinear antiferromagnetic Mn_3Ge*
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- TP 31 *Spin dynamics of $\text{FeGa}_{3-x}\text{Ge}_x$ studied by Electron Spin Resonance*
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- TP 32 *Skyrmion Dynamics under Uniaxial Anisotropy*
D. Ehlers, I. Stasinopoulos, V. Tsurkan, H.-A. Krug von Nidda, T. Fehér, A. Leonov, I. Kézsmárki, D. Grundler, and A. Loidl
- TP 33 *Hall effect and quantum criticality in $\text{Mn}_{1-x}\text{Fe}_x\text{Si}$*
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- TP 34 *Nanostructured MnSi - physical and electronic characterization*
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- TP 35 *Spin fluctuations of the electron density and features of the magnetic phase transition in MnSi*
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- TP 36 *Ising-type Magnetic Anisotropy in CePd_2As_2*
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- TP 37 *Interplay between itinerant and local moment components in magnetism of HoB_{12}*
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