

Session Program

1-6 Jun 2014



The 13th International Conference on Muon Spin Rotation, Relaxation and Resonance

Poster III

Thursday 5 June

14:00

Poster III

Poster Session

Magnetism and Superconductivity in $\text{EuFe}_2(\text{As}_{1-x}\text{P}_x)_2$ single crystals

Speakers

Henning Klauss, Til Goltz

Absence of Broken Time-Reversal Symmetry Beneath the Surface of Superconducting $\text{YBa}_2\text{Cu}_3\text{O}_7$

Speakers

Elvezio Morenzoni, Dr Hassan Saadaoui

Impurity-induced effect on a spin-Peierls compound TiOBr

Speaker

Dr Seiko Ohira-Kawamura

Structural and magnetic characterization of self-organized nanocolumns in a $\text{Ge}_{0.9}\text{Mn}_{0.1}$ film

Speakers

Dr Alain Yaouanc, Dr Pierre Dalmas de Reotier

μ -Knight shift measurement on d-electron heavy fermion system $\text{Y}_{0.95}\text{Sc}_{0.05}\text{Mn}_2$

Speaker

Dr Ichihiko Yamauchi

Muon spin relaxation in thermally active artificial spin ice

Speaker

Hubertus Luetkens

Electron spin relaxation in organic semiconductors by muon spectroscopy

Speaker

Ms Ke Wang

Search for ALCR- μ SR spin polaron resonances in $\text{Cd}_2\text{Re}_2\text{O}_7$ and FeGa_3

Speaker

Prof. Jess H. Brewer

Ordering in weakly coupled random singlet spin chains

Speaker

Matthias Thede

Investigation of the long range magnetic ordering in the magnetic ionic liquid $\text{Emim}[\text{FeCl}_4]$

Speaker

Dr Daniel ANDREICA

Magnetic ground state of CeIn_2

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| <p>Speaker Dr Daniel ANDREICA</p> |
| <p>Spin dynamics of Cr₇Ni-Cu-Cr₇Ni and Cr₇Ni molecular rings</p> <p>Speaker Dr Samuele Sanna</p> |
| <p>μSR Measurements of the Magnetism of Sr₃Fe₂₀7</p> <p>Speaker Andrew MacFarlane</p> |
| <p>μSR study of paramagnetism in HoCo₂ under hydrostatic pressure</p> <p>Speaker Mr Jaroslav Valenta</p> |
| <p>Dipolar-driven Magnetic Ordering in a Molecular Nanodisc System</p> <p>Speaker Dr Francis Pratt</p> |
| <p>μSR investigations of YbNi₄(P_(1-x)As_x)₂ : Magnetic order and spin dynamics across a ferromagnetic quantum critical point</p> <p>Speaker Dr Rajib Sarkar</p> |
| <p>Anomalous Enhancement of Spin Relaxation Rate in Single Crystals of Volborthite Cu₃V₂₀7(OH)₂·2H₂O: a μSR Study under High Transverse Field</p> <p>Speaker Dr Akihiro Koda</p> |
| <p>β-NMR Study of a Buried Mn δ-layer in a Silicon Host</p> <p>Speaker Andrew MacFarlane</p> |
| <p>Local susceptibility and spin dynamics in Yb₂Ti₂₀7: An μSR investigations</p> <p>Speaker Dr Rajib Sarkar</p> |
| <p>μSR study on quantum spin system NH₄CuCl₃</p> <p>Speaker Mr Kazuki Matsui</p> |
| <p>Possibilities of μSR-technique for study of magnetization processes in nanocrystal films of ferromagnetic metals</p> <p>Speaker Prof. Yury Belousov</p> |
| <p>μSR Study of a Quantum Spin Liquid Candidate: the S=1/2 Vanadium Oxyfluoride Kagome Antiferromagnet</p> <p>Speaker Mr jean-christophe orain</p> |
| <p>Magnetic ordering state in inorganic chiral magnet CsCuCl₃ --- Relationship between crystallographic and magnetic chiralities ---</p> |

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| <p>Speaker Dr Kazuki Ohishi</p> |
| <p>Magnetism of multiferroic $\text{Eu}_{(1-x)}\text{Y}_x\text{MnO}_3$ with $x=0.2$ and 0.3</p> <p>Speaker Prof. Georg Michael Kalvius</p> |
| <p>A μSR study of the Ruthenium Perovskites $\text{ACu}_3\text{Ru}_4\text{O}_{12}$ with $A=\text{Ca}, \text{Pr}, \text{Nd}$.</p> <p>Speaker Prof. Georg Michael Kalvius</p> |
| <p>Defect-magnetism in Cerium Dioxide Nano-Particles</p> <p>Speaker Andreas Suter</p> |
| <p>Magnetic order and Spin dynamics in $\text{CdCu}_2(\text{BO}_3)_2$ investigated by 11B NMR and ZF-μSR</p> <p>Speaker Prof. Kwang-Yong Choi</p> |
| <p>Strain induced coupling between ferromagnetism and ferroelectricity in multiferroic LuMnO_3 thin films</p> <p>Speaker Prof. Christof Niedermayer</p> |
| <p>Suppression of long range magnetic order in the pyrochlore iridate $\text{Nd}_2\text{Ir}_2\text{O}_7$ by Ca-substitution</p> <p>Speaker Prof. Michael Graf</p> |
| <p>Muon spin relaxation/rotation in $\text{Cu}_3\text{Mo}_2\text{O}_9$ single crystals</p> <p>Speaker Dr Haruhiko KUROE</p> |
| <p>The 8Li^+ Spin Relaxation in the Ferromagnetic State of EuO</p> <p>Speaker Andrew MacFarlane</p> |
| <p>Quantum Magnetism in Copper(II)-Oxalato-Framework Compounds with Jahn-Teller Distortion</p> <p>Speaker Prof. Bin Zhang</p> |
| <p>Investigation of surface magnetism of metallic nano-particles using conventional μSR</p> <p>Speaker Mr Martin Dehn</p> |
| <p>Probing the magnetic phases in the Ni-V alloy close to the disordered ferromagnetic quantum critical point with μSR</p> <p>Speaker Prof. Almut Schroeder</p> |
| <p>Quantum and Classical Criticality in a Dimerized Quantum Antiferromagnet</p> |

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| <p>Speaker Christian Rüegg</p> |
| <p>Pressure induced ferromagnetism in antiferromagnetic FeTe</p> <p>Speaker Dr Markus Bendele</p> |
| <p>Intra-Unit-Cell magnetic order in pure La₂CuO₄ seen via μSR spectroscopy</p> <p>Speaker Prof. Vyacheslav Storchak</p> |
| <p>Investigating the anomalous magnetic properties of the strongly coupled antiferromagnetic chain material CsCoO₂</p> <p>Speaker Mr Robert Williams</p> |
| <p>Long-range versus short-range magnetic correlations and the possible absence of a spontaneous field at the muon site</p> <p>Speaker Dr Pierre Dalmas de Reotier</p> |
| <p>Magnetic frustration in iridium spinel compound CuIr₂S₄</p> <p>Speaker Prof. Ryosuke Kadono</p> |
| <p>Investigating unusual magnetic behaviour in double perovskites using μSR</p> <p>Speaker Dr Fiona Coomer</p> |
| <p>ZF μSR investigation of the organic free radical magnet NIT-2Py</p> <p>Speaker Prof. Andrea Bianchi</p> |
| <p>Spin-polaron band in the ferromagnetic heavy-fermion superconductor UGe₂</p> <p>Speaker Prof. Vyacheslav Storchak</p> |
| <p>Magnetic Transitions and Critical Performance in Cu-Guanidinium Formate</p> <p>Speaker Ms Shuo Han</p> |
| <p>Anomalous ⁶³Cu Knight shift in thiospinel CuIr₂S₄</p> <p>Speaker Dr Ichihiro Yamauchi</p> |
| <p>Magnetism in HoCo₂ studied by μSR under hydrostatic pressure</p> <p>Speaker Dr Jiri Prchal</p> |
| <p>Muon spin precession in ferromagnetic DyAl₂</p> <p>Speaker Dr Ola Hartmann</p> |
| <p>Tuning the Spin Dynamics of Single Molecule Magnets via Dipolar Interactions</p> |

Speaker

Dr Zaher Salman

Indications of critical dynamics in quantum spin-liquid β -Mn**Speakers**

Dr Adrian Hillier, Dr Ross Stewart

Electronic ground state of layered-perovskite vanadium oxide Sr₂VO₄**Speaker**

Dr Ichihiko Yamauchi

Spin dynamics in heavy-fermion pyrochlore compound YMn₂Zn_(20-x)In_x**Speaker**

Dr Masanori Miyazaki

 μ SR study of organic antiferromagnet beta'-(BEDT-TTF)₂IBrCl under high pressure**Speaker**

Prof. Kazuhiko Satoh

16:00