

PSI, Villigen
February 12, 2015

**MINUTES "BESCHLUSSKONFERENZ"
OF THE USERS MEETING BV 46 AT PSI
February 9 – 11, 2015**

present: Dr. K. Clausen (Chairman)
Prof. B. Filippone
Prof. Dr. K. Kirch
Dr. S. Ritt (Secretary)
Dr. M. Seidel
Dr. R. Scheuermann

excused: Prof. Dr. J. Mesot
Prof. Dr. R. Horisberger
Prof. Dr. E. Morenzoni
Prof. Dr. L. Rivkin
Prof. Dr. C. Bernhard

1. Approval of Experiments

The recommendations of the BVR research committee and the μ SR research committee are acknowledged (see minutes and lists in the appendix).

New Proposals

- R-15-01.1 Highr Rate UCN Detector Testing
B. Jamieson, E. Pierre et al.
Approved. 5 days at UCN
- 20141455 Pressure driven magnetic phase transition in AM₂P₂ (122)-type compounds
Martin Mansson, Royal Inst. of Technology (KTH)
Approved, 7 days GPD
- 20141525 Magneto-electronic Phase Separation in EuSrMnO₃ Films
Steven M Disseler, NIST
Approved, 3 days LEM
- 20141757 Pressure-dependent μ SR investigation of quantum critical point in V₂O₃
Benjamin A Frandsen, Columbia Univ.
Approved, 7 days GPD
- 20141760 Novel magnetism in 5d⁴ strontium iridates
Rajib Sarkar, Technische Univ. Dresden
Approved, 2 days LTF
- 20141922 Novel magnetism in 5d⁴ strontium iridates
Rajib Sarkar, Technische Univ. Dresden
Approved, 1 days GPS
- 20141770 Magnetism in novel molecular bi-bridged chain compounds
Tom Lancaster, Univ. of Durham
Approved, 2 days LTF
- 20141874 Magnetism in novel molecular bi-bridged chain compounds
Tom Lancaster, Univ. of Durham
Approved, 2 days GPS
- 20141773 Order and disorder in magnetic skyrmion phases
Tom Lancaster, Univ. of Durham
Approved, 4 days LEM
- 20141776 Field-induced quantum phase transition in the antiferromagnetic solid solution
Yb₂Pd₂In(1-x)Sn(x)
Gianrico Lamura, Consiglio Nazionale delle Ricerche/CNR-SPIN
Approved, 3 days HAL-9500
- 20141777 Field-induced quantum phase transition in the antiferromagnetic solid solution
Yb₂Pd₂In(1-x)Sn(x)
Gianrico Lamura, Consiglio Nazionale delle Ricerche/CNR-SPIN
Approved, 2 days LTF

- 20141779 Re-investigation of magnetic phase diagram of Na_xCoO_2 using the samples prepared by an electrochemical reaction
Jun Sugiyama, Toyota Central R&D Labs., Inc.
Approved, 4 days Dolly
- 20141780 Topological Surface State Probed by Muons
Lei Shu, Fudan Univ.
Refused, 0 days LEM
- 20141783 Magnetic Ground State of $\text{La}_2\text{CuO}_4/\text{LaAlO}_3$ Superlattices
Andreas Suter, Paul Scherrer Institut
Approved, 4 days LEM
- 20141784 Superconductivity around the quantum critical point in $(\text{Ca}_x, \text{Sr}_{1-x})_3\text{Rh}_4\text{Sn}_{13}$
Elvezio Morenzoni, Paul Scherrer Institut
Approved, 4 days Dolly
- 20141901 Superconductivity around the quantum critical point in $(\text{Ca}_x, \text{Sr}_{1-x})_3\text{Rh}_4\text{Sn}_{13}$
Elvezio Morenzoni, Paul Scherrer Institut
Approved, 12 days GPD
- 20141789 In-situ mapping of the spatial profile of triplet excitons in an organic light emitting diode
Francis L Pratt, Rutherford Appleton Lab.
Approved, 3 days LEM
- 20141796 Relation between electric conductivity and polymer dynamics in a conjugated conducting system P3HT film
Soshi Takeshita, High Energy Acc. Research Org. (KEK)
Refused, 0 days LEM
- 20141797 Searching For Positional Charge Ice.
Sean R Giblin, Univ. of Cardiff
Approved, 2 days LTF
- 20141798 Study of the magnetic ordering in strained Ba doped SrMnO_3 thin films
Laura Maurel, Inst. de Nanociencia de Aragon- INA
Approved, 4 days LEM
- 20141799 Dynamics of surface spins in magnetic single domain nanoparticles
Martina Basini, Univ. degli Studi di Milano
Approved, 2 days GPS
- 20141800 Long-ranged antiferromagnetic order and high-temperature magnetic fluctuations in the tetragonal LiCoPO_4 polymorph
Changhyun Koo, Univ. Heidelberg
Approved, 2 days Dolly
- 20141803 Pressure effect on the superconductivity and magnetism in CrAs
Rustem Khasanov, Paul Scherrer Institut
Approved, 12 days GPD

- 20141808 Geometric frustration and complex magnetic order in layered trigonal MnSb₂O₆: interplay of FM and AFM phases
Ruediger Klingeler, Univ. Heidelberg
Approved, 1 days Dolly
- 20141809 Study of the strain induced magnetic phase segregation in manganite thin films using low energy muon spectroscopy
Pedro A Algarabel , Inst. de Ciencia de Materiales de Aragon, Univ de Zaragoza - CSIC
Approved, 2 days LEM
- 20141810 Investigations on the Donor State of Hydrogen and the Motion of Positively Charge Muonium in Niobium doped SnO₂
Annett Rabis, Paul Scherrer Institut
Approved, 3 days LEM
- 20141811 Charge Density Wave and Superconductivity in ZrTe_{3-x}Sex
Elvezio Morenzoni, Paul Scherrer Institut
Approved, 4 days Dolly
- 20141812 Magnetism in Non-Centrosymmetric LnCuGa₃ Intermetallics
Michael J Graf, Boston College
Approved, 3 days GPS
- 20141827 Magnetism in Non-Centrosymmetric LnCuGa₃ Intermetallics
Michael J Graf, Boston College
Approved, 3 days LTF
- 20141819 Probing a magnetic ground state of the site-ordered double perovskite Ba₂YbTaO₆
Kwang-Yong Choi, Chung-Ang University
Approved, 1 days GPS
- 20141821 Probing a magnetic ground state of the site-ordered double perovskite Ba₂YbTaO₆
Kwang-Yong Choi, Chung-Ang University
Approved, 2 days LTF
- 20141825 Investigations of spin dynamics and quasistatic fields in the SrDy₂O₄ disordered system
Nicolas Gauthier, Paul Scherrer Institut
Refused, 0 days GPS
- 20141826 Monopolar magnetic fields at magnetoelectric surfaces
Michael Fechner, ETH Zuerich
Approved, 4 days LEM
- 20141832 Novel phase transitions in the breathing pyrochlore lattices LiInCr₄O₈ and LiGaCr₄O₈: An μ SR investigations
Rajib Sarkar, Technische Univ. Dresden
Approved, 2 days Dolly

- 20141834 Novel phase transitions in the breathing pyrochlore lattices $\text{LiInCr}_4\text{O}_8$ and $\text{LiGaCr}_4\text{O}_8$: An μSR investigations
Rajib Sarkar, Technische Univ. Dresden
Refused, 0 days GPS
- 20141833 μSR Studies on Ge-doped FeGa_3 crystals
Julian A Munevar Cagigas, Paul Scherrer Institut
Approved, 3 days Dolly
- 20141836 Spin Dynamics in the Single-Ion Magnet $\text{CaWO}_4:\text{Ho}^{3+}$
Michael J Graf, Boston College
Approved, 3 days GPS
- 20141837 Local magnetism and spin-dynamics of a new frustrated transition metal pyrochlore $\text{NaCaCo}_2\text{F}_7$
Rajib Sarkar, Technische Univ. Dresden
Refused, 0 days GPS
- 20141906 Local magnetism and spin-dynamics of a new frustrated transition metal pyrochlore $\text{NaCaCo}_2\text{F}_7$
Rajib Sarkar, Technische Univ. Dresden
Refused, 0 days LTF
- 20141838 High-Field μSR Study of the Possible Ferromagnetic States in Non-Superconducting Heavily Overdoped Bi-2201 Cuprates
Tadashi Adachi, Sophia Univ.
Approved, 6 days HAL-9500
- 20141840 Investigation of the Highly Frustrated Rare Earth Magnets SrLn_2O_4 ($\text{Ln}=\text{Tm}$ and Yb)
Diana L Quintero Castro, Helmholtz Zentrum Berlin fuer Materialien und Energie
Approved, 4 days LTF
- 20141841 Magnetic phases in the new skyrmion host compound GaV_4S_8
Jochen Litterst, Techn. Univ. Braunschweig
Approved, 3 days GPS
- 20141843 Proximity Effects in YIG based Heterostructures for Spin Pumping Applications
Sarah R Dunsiger, Ohio State Univ.
Refused, 0 days LEM
- 20141845 A new triangular lattice quantum spin liquid: the Ag analogue of $\kappa\text{-ET}_2\text{Cu}_2(\text{CN})_3$
Francis L Pratt, Rutherford Appleton Lab.
Approved, 5 days HAL-9500
- 20141889 A new triangular lattice quantum spin liquid: the Ag analogue of $\kappa\text{-ET}_2\text{Cu}_2(\text{CN})_3$
Francis L Pratt, Rutherford Appleton Lab.
Approved, 2 days LTF

- 20141846 Mesoscale phase separation at Mott transitions in thin films of V₂O₃ and NdNiO₃ by low-energy muSR
Benjamin A Frandsen, Columbia Univ.
Approved, 4 days LEM
- 20141848 Pressure and isotope effects on the static spin-stripe order in La_{1.845}Ba_{0.155}CuO₄
Zurab Guguchia, Paul Scherrer Institut
Approved, 8 days GPD
- 20141849 Impurity effects on field-induced magnetism in high-temperature cuprate superconductor La_{1.875}Ba_{0.125}CuO₄ with static stripes
Zurab Guguchia, Paul Scherrer Institut
Approved, 10 days HAL-9500
- 20141937 Impurity effects on field-induced magnetism in high-temperature cuprate superconductor La_{1.875}Ba_{0.125}CuO₄ with static stripes
Zurab Guguchia, Paul Scherrer Institut
Approved, 1 days GPS
- 20141850 Doping dependence of the isotope effect on the static stripe phase in La_{2-x}Ba_xCuO₄
Zurab Guguchia, Paul Scherrer Institut
Approved, 3 days GPS
- 20141851 Suppression of the Ir-Ordered State in the pyrochlore iridates (Nd,Ca)₂Ir₂O₇ Studied by muSR
Isao Watanabe, RIKEN
Approved, 3 days Dolly
- 20141853 Accurate Determination of Internal Fields in YBa₂CuO₆ and La_{1.885}Sr_{0.115}CuO₄ to Estimate Muon Sites with DFT Calculations
Isao Watanabe, RIKEN
Approved, 1 days Dolly
- 20141854 Antiferromagnetic ordering in organic p-d hybrids [Pd(tmdt)₂] and [Au(tmdt)₂]
Isao Watanabe, RIKEN
Approved, 3 days Dolly
- 20141855 Exciton dynamics in TIPS-Pentacene.
Alan J Drew, Queen Mary and Westfield College
Approved, 4 days LEM
- 20141856 Magnetic Order of p Electrons in Superoxide of CsO₂ and NaO₂
Isao Watanabe, RIKEN
Approved, 3 days Dolly
- 20141866 Magnetic Order of p Electrons in Superoxide of CsO₂ and NaO₂
Isao Watanabe, RIKEN
Refused, 0 days LTF

- 20141857 Magnetic Dynamics in (CP*)-RE-(COT)
Shuo Han, Queen Mary and Westfield College
Approved, 3 days GPS
- 20141899 Magnetic Dynamics in (CP*)-RE-(COT)
Shuo Han, Queen Mary and Westfield College
Approved, 3 days LTF
- 20141858 Effect of the electric field to the spin dynamics in multiferroic systems, (Gd_{1-x}Dy_x)FeO₃ and Ca₃Co_{2-x}Mn_xO₆
Isao Watanabe, RIKEN
Refused, 0 days Dolly
- 20141859 Effect of the electric field to the spin dynamics in multiferroic systems, (Gd_{1-x}Dy_x)FeO₃ and Ca₃Co_{2-x}Mn_xO₆
Isao Watanabe, RIKEN
Refused, 0 days GPS
- 20141860 Dimensionality Control of Magnetic Interaction by using Carbon Nanotubes filled by Fe₃C
Isao Watanabe, RIKEN
Refused, 0 days Dolly
- 20141861 Searching for vortex-core magnetism in topological superconductors (Pb,Sn)Te doped with In
Yasutomo J Uemura, Columbia Univ.
Approved, 8 days HAL-9500
- 20141862 Partially disordered magnetic moments in an antiferromagnetically ordered state of SmPt₂Si₂
Takashi U. Ito, Japan Atomic Energy Agency
Refused, 0 days LTF
- 20141864 Partially disordered magnetic moments in an antiferromagnetically ordered state of SmPt₂Si₂
Takashi U. Ito, Japan Atomic Energy Agency
Refused, 0 days GPS
- 20141865 The role of disorder in superconducting and magnetic Ti(O,N) nanoribbons
Andrej Zorko, Jozef Stefan Inst.
Refused, 0 days GPS
- 20141867 Muon spin rotation investigation of the field induced states in the vortex cores of underdoped YBa₂Cu₃O_{6+x}
Juan Pablo Porras Perez Guerrero, Max Planck Inst. for Solid State Research
Approved, 5 days HAL-9500
- 20141868 Is There a Superconducting transition in CeRhIn₅ at Ambient Pressure?
Sean R Giblin, Univ. of Cardiff
Refused, 0 days LTF

- 20141869 Structure of Magnetic Order of Charge-Stripe ordered La₂NiO_{4.11}
Sean R Giblin, Univ. of Cardiff
Approved, 2 days Dolly
- 20141872 Magnetic ordering in NiMnIn alloy
Jiabao Yi, University of New South Wales
Refused, 0 days GPS
- 20141873 Long range ferromagnetic ordering or clustering effect?
Jiabao Yi, University of New South Wales
Approved, 4 days LEM
- 20141876 Probing the B-T phase diagram of the Cu₂OSeO₃ system under hydrostatic pressure
Zurab Guguchia, Paul Scherrer Institut
Approved, 12 days GPD
- 20141897 Probing the B-T phase diagram of the Cu₂OSeO₃ system under hydrostatic pressure
Zurab Guguchia, Paul Scherrer Institut
Approved, 2 days GPS
- 20141877 Investigation of the potential magnetic phase coexisting with superconductivity in CeCo(In_{1-x}Zn_x)₅
Ludovic Howald, Paul Scherrer Institut
Refused, 0 days Dolly
- 20141878 Identification of the theoretical and experimental isotropic hyperfine coupling constants and muonium sites on the muoniated TIPS-Pentacene
Ke Wang, Queen Mary and Westfield College
Approved, 8 days GPD
- 20141883 Barlowite and alpha-RuCl₃: novel magnetism on kagome and honeycomb lattices
Stephen J Blundell, Univ. of Oxford
Approved, 1 days GPS
- 20141884 Differentiating short and long range order in SrHo₂O₄ frustrated magnet
Nicolas Gauthier, Paul Scherrer Institut
Approved, 2 days LTF
- 20141948 Differentiating short and long range order in SrHo₂O₄ frustrated magnet
Nicolas Gauthier, Paul Scherrer Institut
Approved, 1 days GPS
- 20141885 Measurement of magnetic field penetration in superconducting multilayers
Tobias Junginger, CERN
Approved, 3 days LEM
- 20141886 μ SR studies on the magnetic ordering in LaCo_{1-x}Rh_xO₃
Hanjie Guo, Max-Planck-Inst. fuer Chemische Physik fester Stoffe
Approved, 2 days GPS

- 20141891 Probing long-range and short-range magnetism in NaBa₂Mn₃F₁₁
Peter J Baker, Rutherford Appleton Lab.
Approved, 2 days Dolly
- 20141893 μ SR study on layered oxychlorides Sr₂MO₂Cl₂ (M: Mn, Co, Ni)
Hirotaka Okabe, High Energy Acc. Research Org. (KEK)
Approved, 2 days GPS
- 20141895 Magnetic correlations in the candidate quantum spin liquid material
Ce₂Sn₂O₇
Romain Sibille, Paul Scherrer Institut
Approved, 2 days GPS
- 20141896 Magnetic correlations in the candidate quantum spin liquid material
Ce₂Sn₂O₇
Romain Sibille, Paul Scherrer Institut
Approved, 2 days LTF
- 20141900 Studies on magnetism of a layered noncollinear antiferromagnet, deuterated
and non-deuterated k-(BEDT-TTF)₂Cu[N(CN)₂]Cl, by ZF- and TF-muon spin
relaxation methods
Hiromi Taniguchi, Saitama Univ.
Approved, 3 days Dolly
- 20141905 Is static antiferromagnetism as a necessary prerequisite for superconductivity
in Fe₂As₂Sr₄V₂O₆ ?
Hubertus Luetkens, Paul Scherrer Institut
Approved, 1 days GPS
- 20141907 Is static antiferromagnetism as a necessary prerequisite for superconductivity
in Fe₂As₂Sr₄V₂O₆ ?
Hubertus Luetkens, Paul Scherrer Institut
Approved, 5 days GPD
- 20141912 μ SR study of the structural and magnetic properties of Ferritin extracted
from the brain of an AD patient.
Lucia Bossoni, Leiden University
Approved, 2 days GPS
- 20141914 Characterization of superconducting state of the plausible topological
superconductor LuPdBi.
Piotr Wisniewski, Inst. of Low Temperature and Structure Research of the
Polish Academy of Sciences
Refused, 0 days LTF
- 20141915 Characterization of antiferromagnetic order in candidate antiferromagnetic
topological insulators REPdBi (RE = Gd, Dy, Ho, Er)
Orest Pavlosiuk, Polish Academy of Sciences in Wroclaw
Refused, 0 days LTF
- 20141920 Characterization of antiferromagnetic order in candidate antiferromagnetic
topological insulators REPdBi (RE = Gd, Dy, Ho, Er)
Orest Pavlosiuk, Polish Academy of Sciences in Wroclaw
Refused, 0 days GPS

- 20141917 Investigation of two-dimensional confinement of electrons in LaTiO₃/LaAlO₃ multilayers
Zaher Salman, Paul Scherrer Institut
Approved, 3 days LEM
- 20141918 Detection of Novel Signatures of Parallel Spin Triplet Superconductivity -
Exploration of Promising Alternative Sources
Stephen L Lee, Univ. of St. Andrews
Approved, 5 days LEM
- 20141926 Dissipationless Multiferroic Magnonics probed by μ SR
Clemens Ulrich, University of New South Wales
Refused, 0 days LEM
- 20141927 Spin dynamics and magnetic phase diagram of magnetically low-dimensional
and mixed-valence LiMn₂TeO₆
Ruediger Klingeler, Univ. Heidelberg
Approved, 1 days Dolly
- 20141930 New oxyhydride phases with unusual oxidation states
Stephen J Blundell, Univ. of Oxford
Approved, 2 days GPS
- 20141931 Probing time-reversal-symmetry breaking superconductivity in La_xSr_{1-x}Pt₃P
Pabitra Kumar Biswas, Paul Scherrer Institut
Approved, 6 days Dolly
- 20141932 Investigating the superconducting pairing mechanism of the two different
superconducting phases of In-doped SnTe
Pabitra Kumar Biswas, Paul Scherrer Institut
Approved, 4 days LTF
- 20141933 Probing time-reversal symmetry breaking in non-centrosymmetric ternary
half-Heusler compound LuPdBi
Pabitra Kumar Biswas, Paul Scherrer Institut
Approved, 4 days LTF
- 20141934 Detection of Spin Transport in Fe/MgO/n-Ge tunnel Junctions
Sarah R Dunsiger, Ohio State Univ.
Refused, 0 days LEM
- 20141935 Antiferromagnetic fluctuations in superconducting LaFe(As,P)(O,F)
Sirko Kamusella, Technische Univ. Dresden
Approved, 3 days GPS
- 20141938 Muon-spin rotation studies of the quasi-one-dimensional superconductor
K₂Cr₃As₃

Zurab Guguchia, Paul Scherrer Institut
Approved, 3 days Dolly

- 20141939 Coexistence of 3d ferromagnetism and superconductivity in FeSe intercalated with (Li_{1-x}Fex)OH
Hubertus Luetkens, Paul Scherrer Institut
Approved, 2 days GPS
- 20141943 Investigation of anomalous field-induced enhancement of the magnetic moment amplitude in heavy fermion superconductor CePt₃Si
Wataru Higemoto, Japan Atomic Energy Agency
Approved, 3 days HAL-9500
- 20141944 Investigation of the superconducting gap structure of possible multi-gap superconductor La₂Pt₃Ge₅ and Pr₂Pt₃Ge₅
Juan Pablo Porras Perez Guerrero, Max Planck Inst. for Solid State Research
Approved, 2 days GPS
- 20141947 Strain-induced ferromagnetism at the domain walls of an epitaxial oxide
Pabitra Kumar Biswas, Paul Scherrer Institut
Approved, 4 days LEM
- 20141949 Field-induced quantum fluctuations in the heavy-fermion superconductor CeCu₂Ge₂
Pabitra Kumar Biswas, Paul Scherrer Institut
Refused, 0 days HAL-9500
- 20141950 Spin triplet superconductivity and spontaneous internal fields in strained Sr₂RuO₄
Hans-Henning Klauss, Technische Univ. Dresden
Refused, 0 days Dolly

2. Beam schedules

The 590 MeV ring accelerator is scheduled for 34 weeks of high intensity beam production from May 4 to December 22. A schedule has been worked out which satisfies all beam requests with minimal modifications. One beam time has been split into two beam times, and two beam times have been conditionally been cut by two weeks. The Spin Rotator will be used for two μ SR beam times in PiE1 (May to June and October), and will be moved to PiE5 in July to September).

As usual, the beam schedules 2015 will be regularly updated and are displayed on the internet:

- <http://www.psi.ch/ltp/facilities> for the general schedule
- <http://www.psi.ch/lmu/beamtime-schedule> for μ SR details

3. Acknowledgement

PSI thanks Prof. Mike Pendelbury, who will leave the committee after more than ten years of service, which we are very grateful for. After more than 40 years of service, Dr. Claude Petitjean concludes his term as science and beamtime coordinator. We congratulate and thank him for his excellent work during this time. His duties are now taken over by Dr. Stefan Ritt.

4. Varia

The next meeting BVR 47 is scheduled for February 8 - 10, 2016. The first day is reserved for detailed reviews as usual. The deadline for beam requests, new proposals and addenda is January 15, 2016. Users are requested to make electronic submissions of their documents.

The dates for the next meeting BVRA-2015 are not fixed yet.

Attachments

- PSI 590 MeV HE Program 2015 can be found on http://www.psi.ch/ltp/FacilitiesEN/schedule_2015.pdf
- BV46 list of PSI HE experiments
- BVRA-2015 list of PSI μ SR experiments
- the short minutes with recommendations of the scientific committee for particle physics experiments can be found on <http://www.psi.ch/ltp/previous-users-meetings>

BV46 LIST OF PSI π / μ EXPERIMENTS: BEAM REQUESTS AND ALLOCATIONS 2015

PSI 590 MeV Program 2015

Last update: Feb 12th, 2015, S. Ritt <stefan.ritt@psi.ch>
http://www.psi.ch/ftp/FacilitiesEN/schedule_2015.pdf

		Week number		19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
		Availability		[Color-coded availability grid]																																	
PIM3	MuSR (GPS<F)		Amato (coord.)	[Availability]																																	
PIE3	MuSR high field		Scheuermann (coord.)	[Availability]																																	
MuE1	MuSR (GPD)		Amato (coord.)	[Availability]																																	
MuE4	MuSR (LEM)		Prokscha (coord.)	[Availability]																																	
PIE1-1	MuSR (Dolly)		Amato (coord.)	[Availability]																																	
PIE1-2	R-14-02.1 MUCOOL	5201.32030.006	Antognini	[Availability]																																	
	R-08-01.1 MUSUN	5201.32030.004	Kammel	[Availability]																																	
	R-13-03.1 ALCAP	5201.32030.004	Kammel	[Availability]																																	
PIE5	R-99-05.2 MEG	5201.32030.001	Mori	[Availability]																																	
	R-12-03.1 Mu3E	5201.32030.002	Schoening	[Availability]																																	
	R-13-03.1 ALCAP	5201.32030.004	Kammel	[Availability]																																	
	R-13-01.1 PIHE	5203.32730.001	Hori	[Availability]																																	
UCN	R-05-03.1 nEDM		Kirch	[Availability]																																	
	R-13-01.1 Det. tests		Jamieson	[Availability]																																	
PIM1	R-12-03.1 Mu3E	5203.85763.010	Schoening	[Availability]																																	
	R-12-01.2 MUSE	5203.85763.010	Gilman	[Availability]																																	
	Praktikum	5203.85763.010	Grab	[Availability]																																	
	Irradiation	5203.85763.010	Hajdas	[Availability]																																	
	Diamod Tracker	5203.85763.010	Schnetzler	[Availability]																																	
	Frascati	5203.85763.010	Curceanu	[Availability]																																	
	Beam Monitor Tests	5203.85763.010	Deiters	[Availability]																																	
	Spin-rotator			[Availability]																																	
	Start (Monday)			[Start dates]																																	
	End (Sunday)			[End dates]																																	

- 1) Provisional allocation to be approved later
- 2) Set-up time

BV46 LIST OF PSI π/μ EXPERIMENTS: BEAM REQUESTS AND ALLOCATIONS 2015

New Proposals

Proposal No.	Spokespersons	Email	Experiment	Beam request	Area	Comments
R-15-01.1	B. Jamieson E. Pierre	bl.jamieson@uwinnipeg.ca pierre@rcnp.osaka-u.ac.jp	High Rate UCN Detector Testing	5 days UCN	UCN	approved

Beam Requests

Proposal No.	Spokesmen	Email	Experiment	Beam request	Area	Comments
R-99-05.2	T. Mori A. Baldini	mori@icepp.s.u-tokyo.ac.jp baldini@pi.infn.it	Search for $m + \mu + e + g$ (MEG collaboration) Xe calorimeter tests	4 months pre-engineering	pE5	3 months approved Oct.-Dec. 2 additional weeks in Sept. provisional
R-05-03.1	K. Kirch G. Ban	klaus.kirch@psi.ch ban@lpcpaen.in2p3.fr	Measurement of the Neutron Electronic Dipole Moment EDM	all available UCN beam time	UCN	approved
R-08-01.1	P. Kammel C. Petitjean A. Vasilyev	pkammel@uw.edu claude.petitjean@psi.ch vassilie@pnpi.spb.ru	Muon Capture on the Deuteron The Musun Experiment	12 weeks (W28-W39)	pE1-2	approved
R-10-01.1	R. Pohl F. Kottmann	randolf.pohl@mpa.mpg.de franz.kottmann@psi.ch	Lamb shift in muonic Helium		pE5	no request
R-12-01.2	R. Gilman	rgilman@physics.rutgers.edu	Studying the Proton Radius Puzzle with μ -p elastic scattering (MUSE collaboration)	test beams	pM1	8 weeks provisional allocated
R-12-03.1	A. Schoening St. Ritt	andre.schoening@desy.de stefan.ritt@psi.ch	Search for the Decay $\mu \rightarrow e e e$ (Mu3e collaboration)	4 weeks + tests pM1	pE5	approved
R-13-01.1	M. Hori	masaki.hori@mpq.mpg.de	PIHe: Laser Spectroscopy of pionic Helium atoms	12 weeks	pE5	10 weeks approved + 2 weeks provisional
R-13-03.1	P. Kammel Y. Kuno	pkammel@uw.edu kuno@phys.sci.osaka-u.ac.jp	Study of Muon Capture for Muon-to-Electron Conversion Experiments (AlCap collaboration)	4 weeks (w44-W47)	pE1-2	2 weeks pM5 approved 2.5 weeks pE1 approved
R-14-02.1	A. Antognini	aldo@phys.ethz.ch	High-brightness ultracold muon beam (MuCool collaboration)	4 weeks	pE1-2	approved

BVRA-2014 list of PSI μ SR experiments

New Proposals

20141455	Pressure driven magnetic phase transition in AM2P2 (122)-type compounds Martin Mansson, Royal Inst. of Technology (KTH) Approved, 7 days GPD
20141525	Magnetoelectronic Phase Separation in EuSrMnO3 Films Steven M Disseler, NIST Approved, 3 days LEM
20141757	Pressure-dependent μ SR investigation of quantum critical point in V2O3 Benjamin A Frandsen, Columbia Univ. Approved, 7 days GPD
20141760	Novel magnetism in 5d4 strontium iridates Rajib Sarkar, Technische Univ. Dresden Approved, 2 days LTF
20141922	Novel magnetism in 5d4 strontium iridates Rajib Sarkar, Technische Univ. Dresden Approved, 1 days GPS
20141770	Magnetism in novel molecular bi-bridged chain compounds Tom Lancaster, Univ. of Durham Approved, 2 days LTF
20141874	Magnetism in novel molecular bi-bridged chain compounds Tom Lancaster, Univ. of Durham Approved, 2 days GPS
20141773	Order and disorder in magnetic skyrmion phases Tom Lancaster, Univ. of Durham Approved, 4 days LEM
20141776	Field-induced quantum phase transition in the antiferromagnetic solid solution Yb ₂ Pd ₂ In(1-x)Sn(x) Gianrico Lamura, Consiglio Nazionale delle Ricerche/CNR-SPIN Approved, 3 days HAL-9500
20141777	Field-induced quantum phase transition in the antiferromagnetic solid solution Yb ₂ Pd ₂ In(1-x)Sn(x) Gianrico Lamura, Consiglio Nazionale delle Ricerche/CNR-SPIN Approved, 2 days LTF
20141779	Re-investigation of magnetic phase diagram of Na _x CoO ₂ using the samples prepared by an electrochemical reaction Jun Sugiyama, Toyota Central R&D Labs., Inc. Approved, 4 days Dolly

BVRA-2014 list of PSI μ SR experiments

20141780	Topological Surface State Probed by Muons Lei Shu, Fudan Univ. Refused, 0 days LEM
20141783	Magnetic Ground State of La(2)CuO(4)/LaAlO(3) Superlattices Andreas Suter, Paul Scherrer Institut Approved, 4 days LEM
20141784	Superconductivity around the quantum critical point in (Ca _x ,Sr _{1-x}) ₃ Rh ₄ Sn ₁₃ Elvezio Morenzoni, Paul Scherrer Institut Approved, 4 days Dolly
20141901	Superconductivity around the quantum critical point in (Ca _x ,Sr _{1-x}) ₃ Rh ₄ Sn ₁₃ Elvezio Morenzoni, Paul Scherrer Institut Approved, 12 days GPD
20141789	In-situ mapping of the spatial profile of triplet excitons in an organic light emitting diode Francis L Pratt, Rutherford Appleton Lab. Approved, 3 days LEM
20141796	Relation between electric conductivity and polymer dynamics in a conjugated conducting system P3HT film Soshi Takeshita, High Energy Acc. Research Org. (KEK) Refused, 0 days LEM
20141797	Searching For Positional Charge Ice. Sean R Giblin, Univ. of Cardiff Approved, 2 days LTF
20141798	Study of the magnetic ordering in strained Ba doped SrMnO ₃ thin films Laura Maurel, Inst. de Nanociencia de Aragon- INA Approved, 4 days LEM
20141799	Dynamics of surface spins in magnetic single domain nanoparticles Martina Basini, Univ. degli Studi di Milano Approved, 2 days GPS
20141800	Long-ranged antiferromagnetic order and high-temperature magnetic fluctuations in the tetragonal LiCoPO ₄ polymorph Changhyun Koo, Univ. Heidelberg Approved, 2 days Dolly
20141803	Pressure effect on the superconductivity and magnetism in CrAs Rustem Khasanov, Paul Scherrer Institut Approved, 12 days GPD
20141808	Geometric frustration and complex magnetic order in layered trigonal MnSb ₂ O ₆ : interplay of FM and AFM phases Ruediger Klingeler, Univ. Heidelberg Approved, 1 days Dolly

BVRA-2014 list of PSI μ SR experiments

20141809	Study of the strain induced magnetic phase segregation in manganite thin films using low energy muon spectroscopy Pedro A Algarabel , Inst. de Ciencia de Materiales de Aragon, Univ de Zaragoza - CSIC Approved, 2 days LEM
20141810	Investigations on the Donor State of Hydrogen and the Motion of Positively Charge Muonium in Niobium doped SnO ₂ Annett Rabis, Paul Scherrer Institut Approved, 3 days LEM
20141811	Charge Density Wave and Superconductivity in ZrTe ₃ -xSex Elvezio Morenzoni, Paul Scherrer Institut Approved, 4 days Dolly
20141812	Magnetism in Non-Centrosymmetric LnCuGa ₃ Intermetallics Michael J Graf, Boston College Approved, 3 days GPS
20141827	Magnetism in Non-Centrosymmetric LnCuGa ₃ Intermetallics Michael J Graf, Boston College Approved, 3 days LTF
20141819	Probing a magnetic ground state of the site-ordered double perovskite Ba ₂ YbTaO ₆ Kwang-Yong Choi, Chung-Ang University Approved, 1 days GPS
20141821	Probing a magnetic ground state of the site-ordered double perovskite Ba ₂ YbTaO ₆ Kwang-Yong Choi, Chung-Ang University Approved, 2 days LTF
20141825	Investigations of spin dynamics and quasistatic fields in the SrDy ₂ O ₄ disordered system Nicolas Gauthier, Paul Scherrer Institut Refused, 0 days GPS
20141826	Monopolar magnetic fields at magnetoelectric surfaces Michael Fechner, ETH Zuerich Approved, 4 days LEM
20141832	Novel phase transitions in the breathing pyrochlore lattices LiInCr ₄ O ₈ and LiGaCr ₄ O ₈ : An μ SR investigations Rajib Sarkar, Technische Univ. Dresden Approved, 2 days Dolly
20141834	Novel phase transitions in the breathing pyrochlore lattices LiInCr ₄ O ₈ and LiGaCr ₄ O ₈ : An μ SR investigations Rajib Sarkar, Technische Univ. Dresden Refused, 0 days GPS
20141833	μ SR Studies on Ge-doped FeGa ₃ crystals Julian A Munevar Cagigas, Paul Scherrer Institut Approved, 3 days Dolly

BVRA-2014 list of PSI μ SR experiments

20141836	Spin Dynamics in the Single-Ion Magnet CaWO ₄ :Ho ³⁺ Michael J Graf, Boston College Approved, 3 days GPS
20141837	Local magnetism and spin-dynamics of a new frustrated transition metal pyrochlore NaCaCo ₂ F ₇ Rajib Sarkar, Technische Univ. Dresden Refused, 0 days GPS
20141906	Local magnetism and spin-dynamics of a new frustrated transition metal pyrochlore NaCaCo ₂ F ₇ Rajib Sarkar, Technische Univ. Dresden Refused, 0 days LTF
20141838	High-Field μ SR Study of the Possible Ferromagnetic States in Non-Superconducting Heavily Overdoped Bi-2201 Cuprates Tadashi Adachi, Sophia Univ. Approved, 6 days HAL-9500
20141840	Investigation of the Highly Frustrated Rare Earth Magnets SrLn ₂ O ₄ (Ln=Tm and Yb) Diana L Quintero Castro, Helmholtz Zentrum Berlin fuer Materialien und Energie Approved, 4 days LTF
20141841	Magnetic phases in the new skyrmion host compound GaV ₄ S ₈ Jochen Litterst, Techn. Univ. Braunschweig Approved, 3 days GPS
20141843	Proximity Effects in YIG based Heterostructures for Spin Pumping Applications Sarah R Dunsiger, Ohio State Univ. Refused, 0 days LEM
20141845	A new triangular lattice quantum spin liquid: the Ag analogue of kappa-ET ₂ Cu ₂ (CN) ₃ Francis L Pratt, Rutherford Appleton Lab. Approved, 5 days HAL-9500
20141889	A new triangular lattice quantum spin liquid: the Ag analogue of kappa-ET ₂ Cu ₂ (CN) ₃ Francis L Pratt, Rutherford Appleton Lab. Approved, 2 days LTF
20141846	Mesoscale phase separation at Mott transitions in thin films of V ₂ O ₃ and NdNiO ₃ by low-energy μ SR Benjamin A Frandsen, Columbia Univ. Approved, 4 days LEM
20141848	Pressure and isotope effects on the static spin-stripe order in La _{1-1.845} Ba _{0.155} CuO ₄ Zurab Guguchia, Paul Scherrer Institut Approved, 8 days GPD
20141849	Impurity effects on field-induced magnetism in high-temperature cuprate superconductor La _{1-1.875} Ba _{0.125} CuO ₄ with static stripes Zurab Guguchia, Paul Scherrer Institut Approved, 10 days HAL-9500

BVRA-2014 list of PSI μ SR experiments

20141937	Impurity effects on field-induced magnetism in high-temperature cuprate superconductor $\text{La}_{1.875}\text{Ba}_{0.125}\text{CuO}_4$ with static stripes Zurab Guguchia, Paul Scherrer Institut Approved, 1 days GPS
20141850	Doping dependence of the isotope effect on the static stripe phase in $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ Zurab Guguchia, Paul Scherrer Institut Approved, 3 days GPS
20141851	Suppression of the Ir-Ordered State in the pyrochlore iridates $(\text{Nd,Ca})_2\text{Ir}_2\text{O}_7$ Studied by μ SR Isao Watanabe, RIKEN Approved, 3 days Dolly
20141853	Accurate Determination of Internal Fields in YBa_2CuO_6 and $\text{La}_{1.885}\text{Sr}_{0.115}\text{CuO}_4$ to Estimate Muon Sites with DFT Calculations Isao Watanabe, RIKEN Approved, 1 days Dolly
20141854	Antiferromagnetic ordering in organic pi-d hybrids $[\text{Pd}(\text{tmdt})_2]$ and $[\text{Au}(\text{tmdt})_2]$ Isao Watanabe, RIKEN Approved, 3 days Dolly
20141855	Exciton dynamics in TIPS-Pentacene. Alan J Drew, Queen Mary and Westfield College Approved, 4 days LEM
20141856	Magnetic Order of p Electrons in Superoxide of CsO_2 and NaO_2 Isao Watanabe, RIKEN Approved, 3 days Dolly
20141866	Magnetic Order of p Electrons in Superoxide of CsO_2 and NaO_2 Isao Watanabe, RIKEN Refused, 0 days LTF
20141857	Magnetic Dynamics in $(\text{CP}^*)\text{-RE-(COT)}$ Shuo Han, Queen Mary and Westfield College Approved, 3 days GPS
20141899	Magnetic Dynamics in $(\text{CP}^*)\text{-RE-(COT)}$ Shuo Han, Queen Mary and Westfield College Approved, 3 days LTF
20141858	Effect of the electric field to the spin dynamics in multiferroic systems, $(\text{Gd}_{1-x}\text{Dyx})\text{FeO}_3$ and $\text{Ca}_3\text{Co}_2\text{-xMnxO}_6$ Isao Watanabe, RIKEN Refused, 0 days Dolly
20141859	Effect of the electric field to the spin dynamics in multiferroic systems, $(\text{Gd}_{1-x}\text{Dyx})\text{FeO}_3$ and $\text{Ca}_3\text{Co}_2\text{-xMnxO}_6$ Isao Watanabe, RIKEN Refused, 0 days GPS

BVRA-2014 list of PSI μ SR experiments

20141860	Dimensionality Control of Magnetic Interaction by using Carbon Nanotubes filled by Fe ₃ C Isao Watanabe, RIKEN Refused, 0 days Dolly
20141861	Searching for vortex-core magnetism in topological superconductors (Pb,Sn)Te doped with In Yasutomo J Uemura, Columbia Univ. Approved, 8 days HAL-9500
20141862	Partially disordered magnetic moments in an antiferromagnetically ordered state of SmPt ₂ Si ₂ Takashi U. Ito, Japan Atomic Energy Agency Refused, 0 days LTF
20141864	Partially disordered magnetic moments in an antiferromagnetically ordered state of SmPt ₂ Si ₂ Takashi U. Ito, Japan Atomic Energy Agency Refused, 0 days GPS
20141865	The role of disorder in superconducting and magnetic Ti(O,N) nanoribbons Andrej Zorko, Jozef Stefan Inst. Refused, 0 days GPS
20141867	Muon spin rotation investigation of the field induced states in the vortex cores of underdoped YBa ₂ Cu ₃ O _{6+x} Juan Pablo Porras Perez Guerrero, Max Planck Inst. for Solid State Research Approved, 5 days HAL-9500
20141868	Is There a Superconducting transition in CeRhIn ₅ at Ambient Pressure? Sean R Giblin, Univ. of Cardiff Refused, 0 days LTF
20141869	Structure of Magnetic Order of Charge-Stripe ordered La ₂ NiO _{4.11} Sean R Giblin, Univ. of Cardiff Approved, 2 days Dolly
20141872	Magnetic ordering in NiMnIn alloy Jiabao Yi, University of New South Wales Refused, 0 days GPS
20141873	Long range ferromagnetic ordering or clustering effect? Jiabao Yi, University of New South Wales Approved, 4 days LEM
20141876	Probing the B-T phase diagram of the Cu ₂ OSeO ₃ system under hydrostatic pressure Zurab Guguchia, Paul Scherrer Institut Approved, 12 days GPD
20141897	Probing the B-T phase diagram of the Cu ₂ OSeO ₃ system under hydrostatic pressure Zurab Guguchia, Paul Scherrer Institut Approved, 2 days GPS

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20141877	Investigation of the potential magnetic phase coexisting with superconductivity in $\text{CeCo}(\text{In}_{1-x}\text{Zn}_x)_5$ Ludovic Howald, Paul Scherrer Institut Refused, 0 days Dolly
20141878	Identification of the theoretical and experimental isotropic hyperfine coupling constants and muonium sites on the muoniated TIPS-Pentacene Ke Wang, Queen Mary and Westfield College Approved, 8 days GPD
20141883	Barlowite and $\alpha\text{-RuCl}_3$: novel magnetism on kagome and honeycomb lattices Stephen J Blundell, Univ. of Oxford Approved, 1 days GPS
20141884	Differentiating short and long range order in SrHo_2O_4 frustrated magnet Nicolas Gauthier, Paul Scherrer Institut Approved, 2 days LTF
20141948	Differentiating short and long range order in SrHo_2O_4 frustrated magnet Nicolas Gauthier, Paul Scherrer Institut Approved, 1 days GPS
20141885	Measurement of magnetic field penetration in superconducting multilayers Tobias Junginger, CERN Approved, 3 days LEM
20141886	μ SR studies on the magnetic ordering in $\text{LaCo}_{1-x}\text{Rh}_x\text{O}_3$ Hanjie Guo, Max-Planck-Inst. fuer Chemische Physik fester Stoffe Approved, 2 days GPS
20141891	Probing long-range and short-range magnetism in $\text{NaBa}_2\text{Mn}_3\text{F}_{11}$ Peter J Baker, Rutherford Appleton Lab. Approved, 2 days Dolly
20141893	μ SR study on layered oxychlorides $\text{Sr}_2\text{MO}_2\text{Cl}_2$ (M: Mn, Co, Ni) Hirotaka Okabe, High Energy Acc. Research Org. (KEK) Approved, 2 days GPS
20141895	Magnetic correlations in the candidate quantum spin liquid material $\text{Ce}_2\text{Sn}_2\text{O}_7$ Romain Sibille, Paul Scherrer Institut Approved, 2 days GPS
20141896	Magnetic correlations in the candidate quantum spin liquid material $\text{Ce}_2\text{Sn}_2\text{O}_7$ Romain Sibille, Paul Scherrer Institut Approved, 2 days LTF
20141900	Studies on magnetism of a layered noncollinear antiferromagnet, deuterated and non-deuterated $k\text{-(BEDT-TTF)}_2\text{Cu}[\text{N}(\text{CN})_2]\text{Cl}$, by ZF- and TF-muon spin relaxation methods Hiromi Taniguchi, Saitama Univ. Approved, 3 days Dolly

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20141905	Is static antiferromagnetism as a necessary prerequisite for superconductivity in Fe ₂ As ₂ Sr ₄ V ₂ O ₆ ? Hubertus Luetkens, Paul Scherrer Institut Approved, 1 days GPS
20141907	Is static antiferromagnetism as a necessary prerequisite for superconductivity in Fe ₂ As ₂ Sr ₄ V ₂ O ₆ ? Hubertus Luetkens, Paul Scherrer Institut Approved, 5 days GPD
20141912	μ SR study of the structural and magnetic properties of Ferritin extracted from the brain of an AD patient. Lucia Bossoni, Leiden University Approved, 2 days GPS
20141914	Characterization of superconducting state of the plausible topological superconductor LuPdBi. Piotr Wisniewski, Inst. of Low Temperature and Structure Research of the Polish Academy of Sciences Refused, 0 days LTF
20141915	Characterization of antiferromagnetic order in candidate antiferromagnetic topological insulators REPdBi (RE = Gd, Dy, Ho, Er) Orest Pavlosiuk, Polish Academy of Sciences in Wroclaw Refused, 0 days LTF
20141920	Characterization of antiferromagnetic order in candidate antiferromagnetic topological insulators REPdBi (RE = Gd, Dy, Ho, Er) Orest Pavlosiuk, Polish Academy of Sciences in Wroclaw Refused, 0 days GPS
20141917	Investigation of two-dimensional confinement of electrons in LaTiO ₃ /LaAlO ₃ multilayers Zaher Salman, Paul Scherrer Institut Approved, 3 days LEM
20141918	Detection of Novel Signatures of Parallel Spin Triplet Superconductivity - Exploration of Promising Alternative Sources Stephen L Lee, Univ. of St. Andrews Approved, 5 days LEM
20141926	Dissipationless Multiferroic Magnonics probed by μ SR Clemens Ulrich, University of New South Wales Refused, 0 days LEM
20141927	Spin dynamics and magnetic phase diagram of magnetically low-dimensional and mixed-valence LiMn ₂ TeO ₆ Ruediger Klingeler, Univ. Heidelberg Approved, 1 days Dolly
20141930	New oxyhydride phases with unusual oxidation states Stephen J Blundell, Univ. of Oxford Approved, 2 days GPS

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20141931	Probing time-reversal-symmetry breaking superconductivity in $\text{La}_x\text{Sr}_{1-x}\text{Pt}_3\text{P}$ Pabitra Kumar Biswas, Paul Scherrer Institut Approved, 6 days Dolly
20141932	Investigating the superconducting pairing mechanism of the two different superconducting phases of In-doped SnTe Pabitra Kumar Biswas, Paul Scherrer Institut Approved, 4 days LTF
20141933	Probing time-reversal symmetry breaking in non-centrosymmetric ternary half-Heusler compound LuPdBi Pabitra Kumar Biswas, Paul Scherrer Institut Approved, 4 days LTF
20141934	Detection of Spin Transport in Fe/MgO/n-Ge tunnel Junctions Sarah R Dunsiger, Ohio State Univ. Refused, 0 days LEM
20141935	Antiferromagnetic fluctuations in superconducting $\text{LaFe}(\text{As},\text{P})(\text{O},\text{F})$ Sirko Kamusella, Technische Univ. Dresden Approved, 3 days GPS
20141938	Muon-spin rotation studies of the quasi-one-dimensional superconductor $\text{K}_2\text{Cr}_3\text{As}_3$ Zurab Guguchia, Paul Scherrer Institut Approved, 3 days Dolly
20141939	Coexistence of 3d ferromagnetism and superconductivity in FeSe intercalated with $(\text{Li}_{1-x}\text{Fex})\text{OH}$ Hubertus Luetkens, Paul Scherrer Institut Approved, 2 days GPS
20141943	Investigation of anomalous field-induced enhancement of the magnetic moment amplitude in heavy fermion superconductor CePt_3Si Wataru Higemoto, Japan Atomic Energy Agency Approved, 3 days HAL-9500
20141944	Investigation of the superconducting gap structure of possible multi-gap superconductor $\text{La}_2\text{Pt}_3\text{Ge}_5$ and $\text{Pr}_2\text{Pt}_3\text{Ge}_5$ Juan Pablo Porras Perez Guerrero, Max Planck Inst. for Solid State Research Approved, 2 days GPS
20141947	Strain-induced ferromagnetism at the domain walls of an epitaxial oxide Pabitra Kumar Biswas, Paul Scherrer Institut Approved, 4 days LEM
20141949	Field-induced quantum fluctuations in the heavy-fermion superconductor CeCu_2Ge_2 Pabitra Kumar Biswas, Paul Scherrer Institut Refused, 0 days HAL-9500
20141950	Spin triplet superconductivity and spontaneous internal fields in strained Sr_2RuO_4 Hans-Henning Klauss, Technische Univ. Dresden Refused, 0 days Dolly

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Continuations

20141451	Cross Correlation Effects in (Cu,Zn) ₃ Mo ₂ O ₉ Probed by μ SR Measurements under Electric Fields Haruhiko Kuroe, Sophia Univ. Refused, 0 days Dolly
20141751	Quantum phase transitions in low-dimensional molecular magnets probed with TF μ SR Johannes S Moeller, ETH Zuerich Approved, 5 days HAL-9500
20141768	Li diffusion in epitaxial film cathode materials for an all solid-state battery Jun Sugiyama, Toyota Central R&D Labs., Inc. Approved, 7 days LEM
20141782	Magnetic nature of layered perovskite-type chromium oxides Jun Sugiyama, Toyota Central R&D Labs., Inc. Approved, 2 days Dolly
20141788	A μ SR study of random exchange in a molecular spin layer Fan Xiao, Univ. of Durham Approved, 3 days LTF
20141793	Pressure Effect in a Quantum Spin Ice Edwin Kermarrec, Lab. National des Champs Magnetiques Intenses - LNCMI-Grenoble Approved, 10 days GPD
20141801	Spin Luttinger-Liquid phase in a disordered model quantum spin ladder system Tom Lancaster, Univ. of Durham Approved, 4 days HAL-9500
20141802	Testing mechanisms for the suppression of the surface glass transition in polymers Francis L Pratt, Rutherford Appleton Lab. Approved, 6 days LEM
20141814	Probing spin currents generated by spin Hall effect with muons Alain Yaouanc, CEA, Grenoble Approved, 4 days LEM
20141818	Low energy muon study of self-organized GeMn nanocolumns Pierre Dalmas de Réotier, CEA, Grenoble Approved, 4 days LEM
20141830	Magnetic structure of the intermediate state in type-I superconductors (continue). Vladimir Kozhevnikov, KU Leuven Approved, 4 days LEM
20141888	Magnetic structure of the intermediate state in type-I superconductors (continue). Vladimir Kozhevnikov, KU Leuven Approved, 2 days Dolly

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20141831	Emergent frustrated 3d antiferromagnetic order in Ge-doped ZrFe ₄ Si ₂ Til Goltz, Technische Univ. Dresden Refused, 0 days Dolly
20141835	Is magnetism relevant for cuprate superconductivity; measuring TN in LnBa ₂ Cu ₃ O _y Amit Keren, The Israel Inst. of Technology - Technion Approved, 5 days GPS
20141839	Probing spin accumulation at Au/YIG and Ta/YIG interfaces with muons Aisha Aqeel, Univ. Groningen Approved, 5 days LEM
20141842	Ferromagnetic interfaces in magnetoelectric (010) and (110) LuMnO ₃ thin films Christof W. Schneider, Paul Scherrer Institut Approved, 4 days LEM
20141847	Spin-dynamics in strongly correlated, fluorinated single-chain magnets Kasper S Pedersen, Univ. of Copenhagen Approved, 3 days Dolly
20141852	Magnetism and Superconductivity in H-substituted Fe-based superconductor SmFeAsO _{1-x} H _x . Masatoshi Hiraishi, High Energy Acc. Research Org. (KEK) Refused, 0 days GPS
20141870	Detection of spin-lock in topological insulator Bi ₂ Te ₃ Takayuki Goto, Sophia Univ. Approved, 3 days LEM
20141875	Search for FFLO state and unconventional phases in the high field region of KFe ₂ As ₂ Elvezio Morenzoni, Paul Scherrer Institut Approved, 9 days HAL-9500
20141924	Search for FFLO state and unconventional phases in the high field region of KFe ₂ As ₂ Elvezio Morenzoni, Paul Scherrer Institut Approved, 2 days LTF
20141879	Origin of localized magnetic moments in granular Aluminum films and their role in an enhanced superconductivity near a Mott transition Nimrod Bachar, Tel Aviv Univ. Approved, 2 days LEM
20141880	Studying the poisoning effect of magnetic dopants vs T _c enhancement of chemical pressure in La _{1-y} Y _y Fe _{1-x} Mn _x AsO _{0.89} F _{0.11} Samuele Sanna, Univ. degli Studi di Pavia Approved, 3 days Dolly
20141881	Comparative μ SR study of the spin dynamics of Lanthanide Double Deckers in presence of different organic ligands - request of extension Marta Filibian, Univ. of Pavia Approved, 3 days GPS

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20141882	Penetration Depth Measurement of LSCO and LBCO with LEM Amit Keren, The Israel Inst. of Technology - Technion Approved, 4 days LEM
20141887	Measurement of magnetic field penetration depth in Nb thin films; Follow-up Tobias Junginger, CERN Approved, 2 days LEM
20141890	Investigation of magnon solidification in quantum spin antiferromagnet NH_4CuCl_3 under high-field Kazuki Matsui, Sophia Univ. Approved, 4 days HAL-9500
20141898	Chiral Magnetic Structure and Chiral Soliton Lattice in Inorganic Chiral Compounds Kazuki Ohishi, CROSS Approved, 3 days GPS
20141902	Phase diagram of $\text{Nd}_{0.05}\text{Ce}_{0.95}\text{CoIn}_5$ for $H \parallel c$ Daniel Mazzone, Paul Scherrer Institut Approved, 4 days HAL-9500
20141908	Dipolar-coupled Heisenberg spins system LiGdF_4 Mingee Chung, EPF Lausanne Approved, 3 days LTF
20141909	Interaction of muonium states with photo-generated carriers in n-type GaAs Thomas Prokscha, Paul Scherrer Institut Approved, 6 days LEM
20141911	Probing the [FeFe]-hydrogenase subsite using muon spectroscopy Jamie N. T. Peck, Rutherford Appleton Lab. Refused, 0 days GPD
20141913	Odd-frequency spin-triplet superconductivity in Ferromagnetic- Superconducting Devices Stephen L Lee, Univ. of St. Andrews Approved, 5 days LEM
20141916	Magnetic relaxation processes in two-dimensional systems with controlled positional disorder Oles Sendetskyi, Paul Scherrer Institut Approved, 5 days LEM
20141919	Magnetism in EuX chalcogenides Stephen J Blundell, Univ. of Oxford Approved, 2 days GPS
20141921	Magnetism in EuX chalcogenides Stephen J Blundell, Univ. of Oxford Approved, 3 days HAL-9500

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20141923	Investigating the possibility of a spin polarized 2DEG at the LaO terminated LaAlO ₃ /EuO interface Nina-Juliane Steinke, Rutherford Appleton Laboratory Approved, 3 days LEM
20141925	Spin ice states and muon-induced perturbations in frustrated pyrochlores Stephen J Blundell, Univ. of Oxford Approved, 1 days GPS
20141929	Spin ice states and muon-induced perturbations in frustrated pyrochlores Stephen J Blundell, Univ. of Oxford Approved, 3 days HAL-9500
20141936	Emergent Magnetism in Normal Metal-Molecular Interfaces Oscar Cespedes, Univ. of Leeds Approved, 5 days LEM
20141942	Electric Field Dependence of the Magnetism in Multiferroics/Magnetoelectrics David L Cortie, TRIUMF Approved, 6 days LEM
20141945	Molecular Spin Glass States Oscar Cespedes, Univ. of Leeds Refused, 0 days LEM