

PSI, Villigen
March, 2008

**MINUTES "BESCHLUSSKONFERENZ"
OF THE USERS MEETING BV 39 AT PSI
February 21 - 22, 2008**

present: Prof. J. Mesot (Chairman)
Prof. K. Clausen
Dr. A. Denner
Prof. H. Gaggeler
Dr. D. Herlach
Dr. C. Hoffman
Dr. C. Petitjean (Secretary)
Dr. M. Seidel

excused: Dr. R. Horisberger
M. Jermann
Prof. H. Keller
Prof. H.R. Ott
Dr. L. Rivkin

1. Approval of Experiments

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

New Proposals

- R-08-01.1 Muon Capture of the Deuteron – The MuSun Experiment
P. Kammel, C. Petitjean, A. Vasilyev et al., Urbana – PSI – Gatchina – Lexington – Boston – Denver – Columbia
Approved, 5 weeks test (2008) + 35 weeks (later) in area π E3
- 20070848 Dynamical properties of hydrogen in tungsten bronze probed by muon
M. Mihara et al., *Osaka – KEK – RIKEN*
Approved, 2 GPS
- 20071162 Supercond. properties of Ca-based graphite intercalation compounds CaC_6 and $\text{Li}_3\text{Ca}_2\text{C}_6$
T. Shiroka et al., *PSI – Parma – CNR – Henri Poincaré Nancy*
Approved, 2 GPS
- 20071247 Studies of local magnetic properties of multiferroics
M. Kalvius et al., *TU München – Augsburg – Uppsala*
Approved, 5 Dolly
- 20071249 Magnetic and spin dynamical properties of Cr-thiospinels
M. Kalvius et al., *TU München – Augsburg – Uppsala*
Approved, 2 GPS
- 20071278 Magnetic and spin dynamical properties of Cr-thiospinels
M. Kalvius et al., *TU München – Augsburg – Uppsala*
Approved, 2 LTF
- 20071252 Magn. properties of Eu-based graphite intercalation compounds EuC_6 and Li_xEuC_4
T. Shiroka et al., *PSI – Parma – CNR – Henri Poincaré Nancy*
Approved, 1 GPS
- 20071263 Unconventional superconductivity in non-centrosymmetric LaBiPt
O. Stockert and A.D. Bianchi, *Dresden – U. California Irvine*
Approved, 2 LTF
- 20071268 Probing dynamics in surfactant aggregates using ALC- μ SR
I. Tucker, R. Scheuermann and I.D. McKenzie, *Unilever – PSI - ISIS*
Approved, 14 ALC

- 20071274 Magnetisation Relaxation in nanoparticulate Mn_3O_4
A. Hill and A. Harrison, *Edinburgh*
Approved, 1 GPS
- 20071275 Chiral induction by low concentr. dopants in amphiphilic liquid crystalline solutions
H. Dilger et al., *Stuttgart - PSI*
Approved, 7 ALC
- 20071323 Chiral induction by low concentr. dopants in amphiphilic liquid crystalline solutions
H. Dilger et al., *Stuttgart - PSI*
Approved, 3 GPD
- 20071279 Spin Dynamics at the ferromagnetic quantum phase transition in $Pd_{1-x}Ni_x$
A. Krimmel et al., *Augsburg – TU München - Uppsala*
Approved, 2 GPS
- 20071294 Spin Dynamics at the ferromagnetic quantum phase transition in $Pd_{1-x}Ni_x$
M. Kalvius et al., *Augsburg – TU München - Uppsala*
Approved, 2 LTF
- 20071280 μ SR studies of $CeAl_3$ under pressure
J. Gavilano, H.R. Ott, and D. Andreica, *PSI – ETH Zürich - Cluj*
Approved, 3 GPD
- 20071298 Pre-martensitic phenomena of thermoelastic martensitic transformation of NiTi alloys
K. Shimomura et al., *KEK – Osaka – DMSE - RIKEN*
Not approved
- 20071300 Muon Spin Rotation Study of Cr Doped V_2O_3
C. Niedermayer and J.I. Budnick, *PSI - Connecticut*
Approved, 2 GPS
- 20071301 Magnetic ordering of frustrated 2D triangular antiferromagnet $AgNiO_2$
H. Kikuchi et al., *Fukui - RIKEN*
Approved, 1 GPS
- 20071303 Molecular Dynamics of Calamitic Liquid Crystals
I. McKenzie and R. Scheuermann, *ISIS - PSI*
Approved, 14 ALC
- 20071308 Magnetic correlations in GaM_4X_8 ($M = Nb, V$; $X = S, Se$)
J. Litterst et al., *TU Braunschweig – Köln - PSI*
Approved, 2 GPS
- 20071309 Spin dynamics in frustrated $SrHo_2O_4$ and $SrDy_2O_4$ at low temperatures
M. Kenzelmann, V. Pomjakushin and R. Cava, *ETH Zürich PSI - Princeton*
Approved, 2 LTF

- 20071310 Magnetic & superconducting properties of Nd based e-doped single crystals
D. Di Castro et al., *Roma La Sapienza – PSI - Salerno*
Approved, 3 LTF
- 20071316 New muon shift measurements of the kagome S=1/2 Herbertsmithite compound
P. Mendels et al., *Paris XI – Paris-Sud Edinburgh*
Approved, 2 GPS
- 20071317 Superconductivity, metamagnetism and quantum criticality in Ruthenates
R. De Renzi et al., *Parma – CNR-INFM*
Approved, 3 LTF
- 20071318 Superconductivity, metamagnetism and quantum criticality in Ruthenates
R. De Renzi et al., *Parma – CNR-INFM*
Approved, 3 GPS
- 20071333 Environment effects on molecular spin dynamics in single molecule magnets
Z. Salman et al., *Oxford - Firenze*
Approved, 3 Dolly
- 20071334 Environment effects on molecular spin dynamics in single molecule magnets
Z. Salman et al., *Oxford - Firenze*
Approved, 2 LTF
- 20071335 Environment effects on molecular spin dynamics in single molecule magnets
Z. Salman et al., *Oxford - Firenze*
Approved, 7 GPD
- 20071337 Nature of the magn transition in optimally doped $\text{La}_{5/8}(\text{Ca}_y\text{Sr}_{1-y})_{3/8}\text{MnO}_3$ manganites.
G. Allodi et al., *Parma - Springer*
Approved, 2 GPS
- 20071339 Magnetic state and its peculiarities in UGa_3 and $\text{U}(\text{Ga}_{1-x}\text{Ge}_x)_3$ itinerant antiferromagnets
P. Klamut, R. Khasanov & D. Kaczorowski, *Wroclaw - ETH Zürich - PSI*
Approved, 3 Dolly
- 20071341 μSR investigation of ferromagnetic thiol-capped metal nanoparticles
J. Lago et al., *Pavia – Pais Vasco*
Approved, 2 GPS
- 20071342 Investigation of the muonated radical state in rubrene by field dependent repolarisation
L. Schulz et al., *Fribourg – ISIS ETHZ – Queen Mary London*
Approved, 4 GPS

- 20071344 μ SR investigation of 2 novel frustrated rare-earth selenium spinels
J. Lago et al., *Pavia – Pais Vasco – CEA Grenoble*
Approved, 2 GPS
- 20071346 μ SR investigation of 2 novel frustrated rare-earth selenium spinels
J. Lago et al., *Pavia – Pais Vasco – CEA Grenoble*
Approved, 2 LTF
- LEM-08-01 Interaction of muonium states in semiconductors with photo induced charge carriers
T. Prokscha et al, *PSI – Zürich – Leiden - Alberta*
Approved, 5 LEM
- LEM-08-02 Magnetic field profile measurements in the Meissner state of YBa₂Cu₂O_x crystals
R.F. Kiefl, E. Morenzoni et al., *UBC – PSI – TRIUMF - ISIS*
Approved, 8 LEM
- LEM-08-03 Induced Superconductivity in La₂CuO₄/La_{2-x}Sr_xCuO₄ multilayers
A. Suter et al., *PSI – Leiden – Brookhaven*
Approved, 6 LEM
- LEM-08-04 Effect of dimensionality on spin dynamics of geometrically frustrated magnetic systems
S.R. Dunsiger et al., *TU München – UBC – PSI - Leiden*
Approved, 4 LEM
- LEM-08-05 Magnetic field penetration measured on the surface and in the bulk of a superconductor
R. Khasanov et al., *PSI – Zürich - Osaka*
Approved, 5 LEM
- LEM-08-06 Electric control and switching frequency of magnetism in thin films of Ni₃V₂O₈
M. Kenzelmann, C. Niedermayer and G. Lawes, *ETHZ – PSI - Wayne*
Approved, 4 LEM
- LEM-08-07 Proximity effects in 214 Cuprates
E. Morenzoni et al., *PSI – Zürich - Brookhaven*
Approved, 6 LEM
- LEM-08-08 Magnetic Properties of Ferromagnetic Carbon Nanotube Forests
H.H. Klauss et al., *TU Dresden – PSI – IFW Dresden*
Approved, 3 LEM
- LEM-08-09 Extreme low- κ superconductors
V. Kozhevnikov, J.O. Indekeu et al., *KU Leuven*
Postponed

2. Beam schedules

The 600 MeV ring accelerator is scheduled for 36 weeks of high intensity beam production (~2mA) from April 16 to December 23, 2008 (see research schedule in the appendix). This period is divided up in 12 cycles of 18 days each of continuous beam production, interrupted by ~ 3 days of service, beam development and accelerator training.

As usual, the beam schedule 2008 will be regularly updated and is displayed on the internet:

- http://ltp.web.psi.ch/accelerator_and_beams/schedule.pdf for the general schedule
- http://lmu.web.psi.ch/facilities/schedules/musr-schedule_2008.html for μ SR details

3. FUNSPIN Beamline

The FUNSPIN neutron beamline at the SINQ has been successfully used by particle physics experiments since 2001. This program is now soon coming to an end. This is also due to the near advent of the UCN facility, where new fundamental neutron physics experiments are prepared. Users who still need the FUNSPIN beamline for finalizing their measurements are urged to hand in any further requests as soon as possible. The intentional deadline of using the FUNSPIN facility is by the end of 2008.

4. Varia

The next meeting BV 40 is scheduled for February 18 - 20, 2009. The first day is reserved for reviews of $\mu e\gamma$ and UCN. The **deadline** for beam requests, new proposals and addenda is **January 19, 2009**. Users are requested to make electronic submissions of their documents (PDF Files).

The dates for the next meeting BVRA-2009, are not settled yet.

Attachments

- PSI 590 MeV Program April 16 – December 23, 2008
- BV39 list of PSI HE experiments
- BVRA-2008 list of PSI Bulk- μ SR experiments
- the short minutes with recommendations of the scientific committees can be found on the internet: http://ltp.web.psi.ch/user_information/user_meeting.htm

PSI 590 MeV Program April – December 2008

Number of week					16	17	18	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
Cycle dates					17.04. - 05.05.08			08.05. - 26.05.08			29.05. - 16.06.08			19.06. - 07.07.08			10.07. - 28.07.08			31.07. - 18.08.08			21.08. - 08.09.08			11.09. - 29.09.08			02.10. - 20.10.08			23.10. - 10.11.08			13.11. - 01.12.08			04.12. - 23.12.08		
Area	Proposal	Spokesman	KTR	Experiment																																				
μM1		Deiters/Renker	114100	Tests																																				
	R-99-06	Kirkby/Deiters	114150	Fast μ^- lifet.																																				
		Grab	710000	ETH Praktikum																																				
				setup																																				
μM3	RA-Progr.	Herlach (coord)	718100	μ SR (GPS & LTF)																																				
μE1	R-05-01	Pocanic	114192	$\pi^- \rightarrow e \nu$																																				
				Test																																				
	RA-Progr.	Herlach (coord)	735100	μ SR (DOLLY)																																				
μE3	RA-progr.	Herlach (coord)	735100	μ SR (ALC)																																				
	R-97-05	Kammel, Pettje	114157	Musun																																				
		Separator																																						
				setup																																				
μE5	R-98-03	Kottmann, Pohl	114193	Lambshift in μ H																																				
	R-99-05	Mori, Baldini	119100	sey tests																																				
		Separator																																						
μE1	RA-Progr.	RA-program	735100	μ SR (GPD)																																				
				Tests																																				
μE4	RA-Progr.	Morenzoni	735200	slow μ^+ exp.(LEM)																																				
SINQ	R-03-01	Zimmer		Pol. ND Scattering																																				
				tests																																				
NA Areas For Details see weekly program																																								

- proposed official beamtimes particle physics
- proposed official beamtimes μ SR
- unsettled beamtimes
- proposed test beam times

BV39 LIST OF PSI HE EXPERIMENTS: BEAM REQUESTS AND ALLOCATIONS 2008

AREA	PROPOSAL	SPOKESPERSONS	EXPERIMENT	BEAM STATUS (1 Week = 5 real days)			BEAM ALLOCATIONS 2007					
				Used	Allocation	Ref.	Request	Remarks	Allocation			
π M1	R-99-06	KIRKBY, DEITERS	μ^+ lifetime with FAST	102	W(T)	appr.	BV30	33	W	33	W	
	Tests Praktikum	DEITERS, RENKER GRAB	Tests Praktikum Particle Physics ETH			appr.		3	W	12.06 - 07.07.08	3	W
π M3	RA-Props.	(HERLACH, Coord.)	μ SR, GPS + LTF	(see BVRA)				67	W (GPS + LTF)		36	W
π E1	RA-Props.	(HERLACH, Coord.)	μ SR with DOLLY	(see BVRA)				10	W + 6 W(T)		18	W
	R-05-01	POCANIC	$\pi^+ \rightarrow e^+ \nu$	26	W(T)	-	BV37	18	W	April - Aug.	18	W
π E3	R-08-01	KAMMEL et al.	μ d capture (MuSun)	0	W	appr.	BV39	5	W	Nov. - Dec.	5 + 5	W
	RA-Props.	(HERLACH, Coord.)	μ SR (ALC)	(see BVRA)				10	W		26	W
π E5	R-98-03	KOTTMANN, POHL	Lamb-shift in μ H	30	W	appr.	BV36	10	W	Spring 2009	0	W
	R-99-05	MORI	$\mu \rightarrow e + \gamma$	94	W(T)	appr.	BV29	36	W	Apr.-Dec.	36	W
μ E1	RA-Props.	(HERLACH, Coord.)	μ SR (GPD)	(see BVRA)				15	W + 12 fall		27	W
μ E4	slow μ^+	MORENZONI	slow μ^+ facility	150	W	appr.	BV19	67	W		36	W
SINQ "FUNSPIN"	R-03-01	ZIMMER	pol. nd-scattering	38	W	appr.	BV34	8	W	May - June	8	W

BVRA-2008 list of PSI μ SR Experiments

New proposals					Days (round 1/2008)	
Proposal ID	Main Proposer	Affiliation	Short proposal title		requested	scheduled
20070848	M. Mihara	Osaka	Dynamical properties of hydrogen in tungsten bronze probed by muon	Approved	6 GPS	2 GPS
20071162	T. Shiroka	PSI	Supercond. properties of Ca-based graphite intercalation compounds CaC_6 and $\text{Li}_3\text{Ca}_2\text{C}_6$	Approved	6 GPS	2 GPS
20071247	M. Kalvius	Munich	Studies of local magnetic properties of multiferroics	Approved	5 Dolly	5 Dolly
20071249	M. Kalvius	Munich	Magnetic and spin dynamical properties of Cr-thiospinels	Approved	3 GPS	2 GPS
20071278	M. Kalvius	Munich		Approved	2 LTF	2 LTF
20071252	T. Shiroka	PSI	Magn. properties of Eu-based graphite intercalation compounds EuC_6 and Li_xEuC_4	Approved	6 GPS	1 GPS
20071263	O. Stockert	Dresden	Unconventional superconductivity in non-centrosymmetric LaBiPt	Approved	5 LTF	2 LTF
20071268	I. Tucker	Bebington	Probing dynamics in surfactant aggregates using ALC- μ SR	Approved	14 ALC	14 ALC
20071274	Adrian Hill	Edinburgh	Magnetisation Relaxation in nanoparticulate Mn_3O_4	Approved	2 GPS	1 GPS
20071275	H. Dilger	Stuttgart	Chiral induction by low concentr. dopants in amphiphilic liquid crystalline solutions	Approved	7 ALC	7 ALC
20071323	H. Dilger	Stuttgart		Approved	3 GPD	3 GPD
20071279	A. Krimmel	Augsburg	Spin Dynamics at the ferromagnetic quantum phase transition in $\text{Pd}_{1-x}\text{Ni}_x$	Approved	3 GPS	2 GPS
20071294	M. Kalvius	Munich		Approved	3 LTF	2 LTF
20071280	J. Gavilano	PSI	μ SR studies of CeAl_3 under pressure	Approved	3 GPD	3 GPD
20071298	K. Shimomura	KEK	Pre-martensitic phenomena of thermoelastic martensitic transformation of NiTi alloys	Not approved	5 GPD	
20071300	C. Niedermayer	PSI	Muon Spin Rotation Study of Cr Doped V_2O_3	Approved	4 GPS	2 GPS
20071301	H. Kikuchi	Fukui	Magnetic ordering of frustrated 2D triangular antiferromagnet AgNiO_2	Approved	3 GPS	1 GPS
20071303	I. McKenzie	ISIS	Molecular Dynamics of Calamitic Liquid Crystals	Approved	14 ALC	14 ALC
20071308	J. Litterst	Braunschweig	Magnetic correlations in GaM_4X_8 (M = Nb, V; X = S, Se)	Approved	5 GPS	2 GPS
20071309	M. Kenzelmann	PSI	Spin dynamics in frustrated SrHo_2O_4 and SrDy_2O_4 at low temperatures	Approved	6 LTF	2 LTF
20071310	D. Di Castro	Rome	Magnetic & superconducting properties of Nd based e-doped single crystals	Approved	8 LTF	3 LTF
20071316	P. Mendels	Paris-Sud	New muon shift measurements of the kagome S=1/2 Herbertsmithite compound	Approved	3 GPS	2 GPS
20071317	R. De Renzi	Parma	Superconductivity, metamagnetism and quantum criticality in Ruthenates	Approved	6 LTF	3 LTF
20071318	R. De Renzi	Parma		Approved	2 GPS	3 GPS

BVRA-2008 list of PSI μ SR Experiments

New proposals					Days (round 1/2008)	
Proposal ID	Main Proposer	Affiliation	Short proposal title		requested	scheduled
20071333	Z. Salman	Oxford	Environment effects on molecular spin dynamics in single molecule magnets	Approved	3 Dolly	3 Dolly
20071334	Z. Salman	Oxford		Approved	2 LTF	2 LTF
20071335	Z. Salman	Oxford		Approved	7 GPD	7 GPD
20071337	G. Allodi	Parma	Nature of the magn transition in optimally doped $\text{La}_{5/8}(\text{Ca}_y\text{Sr}_{1-y})_{3/8}\text{MnO}_3$ manganites.	Approved	5 GPS	2 GPS
20071339	P. Klamut	Wroclaw	Magnetic state and its peculiarities in UGa_3 and $\text{U}(\text{Ga}_{1-x}\text{Ge}_x)_3$ itinerant antiferromagnets	Approved	3 Dolly	3 Dolly
20071341	J. Lago	Pavia	μ SR investigation of ferromagnetic thiol-capped metal nanoparticles	Approved	10 GPS	2 GPS
20071342	L. Schulz	Fribourg	Investigation of the muonated radical state in rubrene by field dependent repolarisation	Approved	8 GPS	4 GPS
20071344	J. Lago	Pavia	μ SR investigation of 2 novel frustrated rare-earth selenium spinels	Approved	2 GPS	2 GPS
20071346	J. Lago	Pavia		Approved	4 LTF	2 LTF
LEM-08-01	T. Prokscha	PSI	Interaction of muonium states in semiconductors with photo induced charge carriers	Approved	8 LEM	5 LEM
LEM-08-02	R.F. Kiefl	UBC	Magnetic field profile measurements in the Meissner state of $\text{Yba}_2\text{Cu}_2\text{O}_x$ crystals	Approved	14 LEM	8 LEM
LEM-08-03	A. Suter	PSI	Induced Superconductivity in $\text{La}_2\text{CuO}_4/\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ multilayers	Approved	12 LEM	6 LEM
LEM-08-04	S.R. Dunsiger	Munich	Effect of dimensionality on spin dynamics of geometrically frustrated magnetic systems	Approved	14 LEM	4 LEM
LEM-08-05	R. Khasanov	PSI	Magnetic field penetration measured on the surface and in the bulk of a superconductor	Approved	8 LEM	5 LEM
LEM-08-06	M. Kenzelmann	ETHZ & PSI	Electric control and switching frequency of magnetism in thin films of $\text{Ni}_3\text{V}_2\text{O}_8$	Approved	14 LEM	4 LEM
LEM-08-07	E. Morenzoni	PSI	Proximity effects in 214 Cuprates	Approved	14 LEM	6 LEM
LEM-08-08	H.H. Klauss	Dresden	Magnetic Properties of Ferromagnetic Carbon Nanotube Forests	Approved	12 LEM	3 LEM
LEM-08-09	V. Kozhevnikov	KU Leuven	Extreme low- κ superconductors	Postponed	7 LEM	-

BVRA-2008 list of PSI μ SR Experiments

Continuations Proposal ID	Main Proposer	Affiliation	Short proposal title	Days (round 1/2008)	
				requested	scheduled
20071250	J. Sugiyama	Toyota Central R&D	Magnetism and muon diffusion in Li-deintercalated lithium transition-metal oxides	13 Dolly	13 Dolly
20071270	J. Sugiyama	Toyota Central R&D		3 LTF	2 LTF
20071253	T. Mamedov	Dubna	Behavior of shallow acceptor impurities in diamond-like semiconductors	25 GPD	25 GPD
20071254	A. Keren	Technion	Isotope dependence of the Neel Temperature in cuprates	6 GPS	3 GPS
20071255	J. Sugiyama	Toyota Central R&D	High pressure μ SR on spinel $\text{Li}[\text{Li}_x\text{Mn}_{2-x}]\text{O}_4$	15 GPD	15 GPD
20071297	J. Sugiyama	Toyota Central R&D		3 Dolly	3 Dolly
20071256	J. Sugiyama	Toyota Central R&D	Magnetic order in A_xCoO_2 ; A=H, Li, K, Rb, and Cs	2 Dolly	-
20071257	T. Goto	Sophia	Exotic magnetic ground state in bond-disordered quantum spin system $\text{IPA-Cu}(\text{Cl},\text{Br})_3$	3 LTF	2 LTF
20071272	T. Goto	Sophia		3 GPS	2 GPS
20071258	J. Sugiyama	Toyota Central R&D	Search for one-dimensional order in quasi-one-dimensional cobalt oxides	4 Dolly	4 Dolly
20071269	J. Sugiyama	Toyota Central R&D		3 GPS	1 GPS
20071259	M. Graf	Boston	Spin dynamics at ALC's in $\text{LiY}_{1-x}\text{Ho}_x\text{F}_4$ with Ho concentration probed by TF μ SR	6 GPS	3 GPS
20071319	M. Graf	Boston		6 LTF	3 LTF
20071260	I. Tucker	Bebington	Probing internal membrane dynamics in lamellar phase dispersions using ALC- μ SR	10 ALC	14 ALC
20071261	A. Kanigel	Technion	Superconductivity in the charge density wave system Cu_xTiSe_2	7 LTF	4 LTF
20071271	T. Nakano	Osaka	μ SR study on ferromagnetism of alkali metal clusters in zeolite A	5 GPS	3 GPS
20071273	H. Luetkens	PSI	Magnetic Properties of Layered Co Based Perovskites	8 Dolly	8 Dolly
20071276	S. Lee	St. Andrews	Muon studies of Novel and Exotic Superconductors	8 GPS	3 GPS
20071277	H. Luetkens	PSI	Magnetic & supercond. properties of e-doped epitaxial thin film & bulk $\text{La}_{2-x}\text{Ce}_x\text{CuO}_4$	6 GPS	2 GPS
20071281	N. Baranov	Ekaterinburg	Long range & short range magnetic correlations in AFM compounds Gd_3M (M=Co,Ni)	1 GPS	1 GPS

BVRA-2008 list of PSI μ SR Experiments

Continuations				Days (round 1/2008)	
Proposal ID	Main Proposer	Affiliation	Short proposal title	requested	scheduled
20071282	P. Carretta	Pavia	μ SR study of $\text{YbCu}_{5-x}\text{Au}_x$ around the quantum critical point	7 LTF	-
20071283	P. Carretta	Pavia		7 GPS	-
20071284	T. Lancaster	Oxford	Molecular magnetism	7 GPS	4 GPS
20071325	T. Lancaster	Oxford		7 LTF	4 LTF
20071285	S. Blundell	Oxford	Correlated inorganic systems	7 GPS	4 GPS
20071286	A. Suter	PSI	Investigation of magnetism in HfO_2 and related systems	1 GPS	1 GPS
20071288	A. Suter	PSI		2 Dolly	2 Dolly
20071287	F. Bert	Paris-Sud	Phase diagram of the langasites, a Rare-Earth based family of kagome compounds	7 LTF	3 LTF
20071327	F. Bert	Paris-Sud		2 GPS	2 GPS
20071290	R. Heffner	Los Alamos	Competition between broken symmetry ground states near a Quantum Critical Point	10 GPD	10 GPD
20071321	R. Heffner	Los Alamos		6 LTF	2 LTF
20071320	R. Heffner	Los Alamos		6 GPS	2 GPS
20071291	O. Bernal	California State	Disorder Effects and Quantum Criticality in $\text{UCu}_{5-x}\text{Ni}_x$ (Continued)	7 GPS	-
20071315	O. Bernal	California State		7 LTF	-
20071293	T. Suzuki	RIKEN	Randomness induced new magnetic phase in $\text{Tl}(\text{Cu}_{1-x}\text{Mg}_x)\text{Cl}_3$ II	6 LTF	2 LTF
20071295	I. Watanabe	RIKEN	Pressure Effect on the Dynamics of Stripes in $\text{La}_{2-x}\text{Sr}_x\text{Cu}_{1-x}\text{Zn}_x\text{O}_4$	6 GPD	6 GPD
20071296	I. Watanabe	RIKEN	μ SR Investigation of the Spin Dynamics of Central Metal Ions of Proteins	5 ALC	5 ALC
20071299	K. Shimomura	KEK	Negative Muon Spin Rotation in Oxide Semiconductor and SIC	10 GPD	-
20071302	T. Adachi	Sendai	Impurity-induced magnetic order in hole-doped HTC SC $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$	6 Dolly	6 Dolly
20071305	T. Adachi	Sendai		4 GPS	2 GPS
20071304	F. Pratt	ISIS	Superconductivity and Magnetism in Molecular Metals	4 GPS	2 GPS
20071324	F. Pratt	ISIS		4 LTF	2 LTF
20071307	J. Litterst	Braunschweig	Magnetic order in nickel perovskites	4 GPS	2 GPS
20071311	R. Teteau	Cluj	μ SR on $\text{R}_{1-x}\text{Ca}_x\text{MO}_3$ compounds with $\text{R}=\text{Pr}$ or Nd and $\text{M}=\text{Co}$ or Mn	4 GPS	1 GPS

BVRA-2008 list of PSI μ SR Experiments

Continuations Proposal ID	Main Proposer	Affiliation	Short proposal title	Days (round 1/2008)	
				requested	scheduled
20071312	M. Kubo	Int. Christian Tokyo	Positive muons in Tricalcium Phosphate	2 GPS	1 GPS
20071313	W. Higemoto	JAEA	Novel multipole ordering in Pr-based compounds	3 GPS	2 GPS
20071314	W. Higemoto	JAEA		3 LTF	2 LTF
20071322	I. McKenzie	ISIS	Molecular and Electron Dynamics in One-Dimensional Liquid Crystals	7 ALC	7 ALC
20071326	H. Maeter	Braunschweig	Magnetic Properties of electrochemically doped transition metal oxides	6 Dolly	6 Dolly
20071329	R. Khasanov	Zürich	Magnetic and electronic properties of novel superconductors and related materials	14 GPS	6 GPS
20071332	R. Khasanov	Zürich		7 LTF	4 LTF
20071330	E. Forgan	Birmingham	μ SR study of unconventional superconductivity in ruthenates and related materials	10 LTF	5 LTF
20071336	E. Forgan	Birmingham		5 GPS	5 GPS
20071331	P. Klamut	Wroclaw	Evolution of the Magnetic Interactions in the Doped $\text{Sr}_{1-x}\text{M}_x\text{RuO}_3$ System	3 Dolly	3 Dolly
20071338	H. Maeter	Braunschweig	Electronic phase diagram of the electron doped high Tc superconductor $\text{Li}_x\text{Sr}_2\text{CuO}_2\text{Br}_2$	6 GPS	-
20071340	A. Drew	Fribourg	Characterisation of the anomolous radical state of 8-hydroxy-quinoline aluminium	4 GPS	2 GPS
20071345	J. Campos Gil	Coimbra	μ SR in organic semiconductors for spin-transport applications	3 LTF	2 LTF
20071347	J. Campos Gil	Coimbra		3 GPS	2 GPS
20080001	T. Gutberlet	Jülich	Lipid distribution in model membrane systems	7 ALC	14 ALC
LEM-06-01	J. Hoppler	Fribourg & PSI	HTc superconductivity & ferromagnetism in $\text{YBa}_2\text{Cu}_3\text{O}_7/\text{SrRuO}_3$ multilayers	7 LEM	7 LEM
LEM-06-03	E. Morenzoni	PSI	Microscopic investigations of a metal-superconductor proximity bilayer	5 LEM	5 LEM
LEM-06-04	A. Keren	Technion	Playing with competing order parameters	7 LEM	6 LEM
LEM-06-06	H. Luetkens	PSI	Magnetic & supercond. properties of e-doped epitaxial thin film & bulk $\text{La}_{2-x}\text{Ce}_x\text{CuO}_4$	14 LEM	4 LEM
LEM-06-07	M. Dubman	PSI & Braunschweig	Conduction electron spin polarization of nonmagnetic layers of FM/NM heterostructures	14 LEM	5 LEM
LEM-06-09	E. Morenzoni	PSI	Superconductivity and magnetism in cuprate multilayers	21 LEM	11 LEM
LEM-06-10	A. Suter	PSI	Spin freezing in underdoped HTS's	12 LEM	7 LEM

BVRA-2008 list of PSI μ SR Experiments

Continuations				Days (round 1/2008)	
Proposal ID	Main Proposer	Affiliation	Short proposal title	requested	scheduled
LEM-06-11	A.J. Drew	Fribourg	Spin coherent transport in organic semiconductors	7 LEM	6 LEM
LEM-06-13	F.L. Pratt	ISIS	Polymer surface dynamics	5 LEM	5 LEM
LEM-06-16	G.J. Nieuwenhuys	PSI & Leiden	Influence of electric fields on manganites studied by low-energy muon precession	10 LEM	5 LEM
LEM-06-17	S.L. Lee	St. Andrews	Interaction of superconductivity with magnetic films of perpendicular anisotropy	5 LEM	5 LEM
LEM-06-18	V.G. Storchak	RRC Kurchatov	Dilute magnetic semiconductors, digital alloys and heterostructures	7 LEM	7 LEM
LEM-06-21	R. Lycett	Birmingham	Magnetic penetration in a superconducting sandwich and thin film	6 LEM	5 LEM
LEM-07-02	A. Suter	PSI	Investigation of magnetism in HfO ₂ and related systems	6 LEM	5 LEM
LEM-07-04	Y.J. Uemura	Columbia U.	LE-MuSR studies of Mn doped GaAs	7 LEM	7 LEM
LEM-07-05	Z. Salman	Oxford	Magnetic properties of a mono-layer of single molecule magnets	14 LEM	7 LEM
LEM-07-08	V.G. Storchak	RRC Kurchatov	Magnetic semiconductors: spintronics via μ SR	14 LEM	4 LEM