



PSI, Villigen
March 16, 2021

**MINUTES "BESCHLUSSKONFERENZ"
OF THE USERS MEETING BV 52 AT PSI
January 25 – 29, 2021**

present: Dr. A. Amato (Chair)
Prof. Dr. K. Kirch
Dr. T. Prokscha
Dr. M. Seidel
Dr. S. Ritt (Secretary)

excused: Prof. Dr. C. Rüegg
Prof. Dr. M. Stampanoni
Prof. Dr. B. Filippone
Prof. Dr. S.J. Blundell

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).

2. Beam schedules

The 590 MeV ring accelerator is scheduled for 31 weeks of high intensity beam production from April 12 to December 22, 2021. A schedule has been worked out which satisfies most beam requests.

As usual, the beam schedules 2021 will be regularly updated and are displayed on the internet:

- <https://www.psi.ch/de/sbl/schedules> for the general schedule
- <https://www.psi.ch/en/smus/beamtime-schedule> for the μ SR detailed schedule

3. Varia

The next meeting BVR 52 is scheduled for January 24-27, 2022. The first day is reserved for detailed reviews as usual. The deadline for beam requests, new proposals and addenda is January 10, 2022. Users are requested to make electronic submissions of their documents.

The dates for the next meeting BVRA-2020 are not fixed yet.

Attachments

- PSI 590 MeV HE Program 2021 can also be found on <https://www.psi.ch/de/sbl>
- BV52 list of PSI HE experiments
- BVRA-21 List of New μ SR experiments
- BVRA-21 List of continued μ SR experiments
- the short minutes with recommendations of the scientific committee for particle physics experiments can be found at <https://www.psi.ch/de/sbl/previous-user-meetings>

PSI 509 MeV Program 2021

PSI 590 MeV Program 2021

https://www.psi.ch/de/sbl/schedules <stefan.ritt@psi.ch>				Month	April							May							June							July							August							September							October							November							December						
Last update: 3/16/2021 15:45:20				Week number	14	15	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																									
				Availability	[Color-coded availability grid]																																																														
				Days	[Days per week grid]																																																														
				Start (Monday)	[Start dates grid]																																																														
				End (Sunday)	[End dates grid]																																																														
Area	Experiment	PSI Contact																																																																	
PiM3	MuSR (GPS<F)	Amato	Amato (coord.)																																																																
PiE3	MuSR high field	Scheuermann	Scheuermann (coord.)																																																																
MuE1	MuSR (GPD)	Amato	Amato (coord.)																																																																
MuE4	MuSR (LEM)	Prokscha	Prokscha (coord.)																																																																
PIE1-1	MuSR (Dolly)	Amato	Amato (coord.)	[Blue blocks]																																																															
	R-21-02.1 muon EDM	Schmidt-Wellenb.	Schmidt-Wellenb.	[Blue blocks]																																																															
PIE1-2	MIXE	Amato	Amato/Knecht	[Blue blocks]																																																															
	R-20-01.1	Knecht	Zinatulina	[Blue blocks]																																																															
	R-21-03.1	Antognini	Knaian	[Blue blocks]																																																															
	R-08-01.3	Knecht	Kravchenko	[Blue blocks]																																																															
	Muonium	Antognini	Soter	[Blue blocks]																																																															
PIE5	R-99-05.2 MEG	Papa	Mori	[Green blocks]																																																															
	R-12-03.1 Mu3E	Meier	Schoening	[Green blocks]																																																															
	R-16-02.1 HyperMu	Antognini	Antognini	[Green blocks]																																																															
	muSR Pixel	Meier	Meier	[Green blocks]																																																															
UCN-S	R-05-03.1 n2EDM	Schmidt-Wellenb.	Schmidt-Wellenb.	[Orange blocks]																																																															
UCN-W1	R-21-01.1 Mirror Neutrons	Lauss	Ayres	[Orange blocks]																																																															
PiM1	R-12-03.1 Mu3E	Meier	Schoening	[Purple blocks]																																																															
	R-12-01.2 MUSE	Reggiani	Downie	[Purple blocks]																																																															
	Praktikum ETHZ	Antognini	Antognini	[Purple blocks]																																																															
	Praktikum UZH	Meier	Steinkamp	[Purple blocks]																																																															
	microRWELL	Meier	Bencivenni	[Purple blocks]																																																															
	TIMESPOT	Meier	Cardini	[Purple blocks]																																																															
	IDEA	Meier	Cibinetto	[Purple blocks]																																																															
	PAD Micromegas	Meier	Camerlingo	[Purple blocks]																																																															
	DMAPS	Meier	Caminada	[Purple blocks]																																																															
	CMS Diamond	Meier	Hits	[Purple blocks]																																																															
	LCNS	Meier	Losekamm	[Purple blocks]																																																															
	VOXES	Meier	Scordo	[Purple blocks]																																																															
	LHCb Pixel	Meier	Steinkamp	[Purple blocks]																																																															

BV52 LIST OF PSI π / μ EXPERIMENTS: BEAM REQUESTS AND ALLOCATIONS 2021

1. New Proposals and Lols					
Proposal	Spokesperson	Email	Experiment	Approved	Area
R-21-01.1	N.J. Ayres	ayresn@phys.ethz.ch	Search for Neutron to Mirror-Neutron	14 weeks	UCN
R-21-02.1	P. Schmidt-Wellenburg	philipp.schmidt-wellenburg@psi.ch	Search for a muon EDM	1 week	PIE1
R-21-03.1	A. Knaian	ara@nklabs.com	Diamond Anvil Measurement of Muon Catalyzed D-D Fusion Kinetics	4 weeks	PIE1
2. Progress Reports and Beam					
Proposal	Spokesperson	Email	Experiment	Request	Area
R-99-05.2	T. Mori A. Baldini	mori@icepp.s.u-tokyo.ac.jp baldini@pi.infn.it	Search for $\mu^+ \rightarrow e + \gamma$ (MEGII)	21.5 weeks + 2 weeks installation	piE5
R-05-03.1	Schmidt-Wellenburg, P. Pignol, G.	philipp.schmidt-wellenburg@psi.ch pignol@lpsc.in2p3.fr	Measurement of the Neutron Electric Dipole Moment (n2EDM)	all available UCN beam time	UCN
R-08-01.3	Kravchenko, P.	kravchenko_pv@pnp.i.nrcki.ru	Search for muon catalyzed d-3He fusion	4 weeks	piE1-2
R-12-01.2	Gilman, R. Downie, E.	rgilman@physics.rutgers.edu edownie@gwu.edu	Studying the Proton "Radius" Puzzle with μ p-ep Elastic Scattering (MUSE collaboration)	12 weeks	piM1
R-12-03.1	Schoening, A. Ritt, S.	andre.schoening@desy.de stefan.ritt@psi.ch	Search for the Decay $\mu \rightarrow eee$ (Mu3e collaboration)	5 weeks 10 weeks	piM1 piE5
R-16-02.1	Antognini, A.	aldo@phys.ethz.ch	Hyperfine Splitting in Muonic H and He (HyperMu)	2 weeks	piE5
R-19-01.1	Crivelli, P.	Paolo.Crivelli@cern.ch	MuMass		LEM
R-20-01.1	Zinatulina, D.	zinatulina@jinr.ru	Ordinary muon capture as a probe of properties of double beta decay processes	4 weeks	piE1
3. Test Beam Requests					
	Spokesperson	Email	Experiment	Request	Area
	Bencivenni, G.	giovanni.bencivenni@Inf.infn.it	microRWELL	2 weeks	piE1/piM1
	Camerlingo, M.	maria.teresa.camerlingo@uniroma3.it	PAD-Micromegas	1 week	piM1
	Caminada, L.	lea.caminada@psi.ch	DMAPS detectors	1 week	piM1
	Cibinetto, G.	cibinetto@fe.infn.it	IDEA detector	2 weeks	piE1/piM1
	Hits, D.	dmitry.hits@phys.ethz.ch	CMS Diamond Detectors	2x1 week	piM1
	Losekamm, M.	m.losekamm@tum.de	LCNS detector	1 week	piM1
	Meier, F.	frank.meier@psi.ch	muSR Pixel	1 week	piE5
	Scordo, A.	alessandro.scordo@Inf.infn.it	VOXES spectrometer	2 weeks	piE1/piM1
	Soter, A.	asoter@phys.ethz.ch	Cold muonium	3 weeks	piE1
	Steinkamp, O.	olafs@physik.uzh.ch	LHCb Pixel	1 week	piM1
4. Lab Courses					
	Spokesperson	Email	Experiment	Request	Area
	Antognini, A.	aldo@phys.ethz.ch	ETHZ-Uni Heidelberg-Uni Mainz	2 weeks	piE1/piM1
	Steinkamp, O.	olafs@physik.uzh.ch	Uni Zurich	2 weeks	piM1

BVRA-2021 list of New μ SR experiments

- 20202436 Nature of Ground State of a Honeycomb Kondo Lattice CePt₆Al₃ doped with Pd: A μ SR study
Adroja, Devashibhai
Rutherford Appleton Lab.
Accepted. 3 days Dolly
- 20202634 Freezing phenomena and magnetic phase segregation in Ni_xMn_{84-x}Sn_{16} Heusler alloys
Allodi, Giuseppe
Univ. Parma
Accepted. 2 days GPS
- 20202046 Dynamics of adhesion interface revealed by muon spin relaxation technique
Aoki, Hiroyuki
Japan Atomic Energy Agency
Accepted. 7 days LEM
- 20202623 Muon spin relaxation study on SnAs: a 4K type-II superconductor with non-trivial band topology
Bhattacharyya, Amitava
Ramakrishna Mission Vivekananda Educational and Research Institute
Accepted. 2 days Dolly
- 20202468 Magnetism in the axion insulator EuIn₂As₂
Blundell, Stephen
Univ. of Oxford
Accepted. 1 days GPS
- 20202481 Magnetism in the axion insulator EuIn₂As₂
Blundell, Stephen
Univ. of Oxford
Accepted. 4 days HAL-9500
- 20202482 The superconductor NbSiAs with a topological semimetal bandstructure
Blundell, Stephen
Univ. of Oxford
Accepted. 1 days GPS
- 20202483 Spin-1/2 magnetism in the Ag(II) perovskite KAgF₃
Blundell, Stephen
Univ. of Oxford
Accepted. 1 days GPS
- 20202485 Magnetism in the boracites M₃B₇O₁₃X (M=Cu,Ni,Fe; X=Cl,Br,I)
Blundell, Stephen
Univ. of Oxford
Accepted. 2 days GPS
- 20202533 Unconventional superconductivity in single crystalline YFe₂Ge₂
Chen, Jiasheng
Univ. of Cambridge
Accepted. 3 days HAL-9500

BVRA-2021 list of New μ SR experiments

- 20202594 Effect of pressure on the three dimensional quantum spin liquid $\text{PbCuTe}_2\text{O}_6$
Chillal, Shravani
Helmholtz Zentrum Berlin fuer Materialien und Energie
Accepted. 6 days GPD
- 20202600 μ SR investigation of spin dynamics in the heavy rare-earth pyrochlore iridates
 $\text{Er}_2\text{Ir}_2\text{O}_7$ and $\text{Tm}_2\text{Ir}_2\text{O}_7$
Colman, Ross
Charles University
Accepted. 2 days GPS
- 20202586 μ SR study of magnetic order in a $S = 1$ kagome antiferromagnet, $\text{NH}_4\text{Ni}_2.5\text{V}_2\text{O}_7(\text{OH})_2 \cdot \text{H}_2\text{O}$
Connolly, Eamonn
Diamond Light Source Ltd
Accepted. 1 days GPS
- 20202472 Muon spin relaxation study on a topological superconductor candidate: single
crystalline PbTaS_2 .
Das, Debarchan
Paul Scherrer Institut
Accepted. 2 days Dolly
- 20202632 Muon spin relaxation study on antiferromagnetic axion insulator EuIn_2As_2 with
higher order band topology
Das, Debarchan
Paul Scherrer Institut
Accepted. 3 days LEM
- 20202675 Muon spin relaxation study on antiferromagnetic axion insulator EuIn_2As_2 with
higher order band topology
Das, Debarchan
Paul Scherrer Institut
Accepted. 1 days GPS
- 20202638 Exploring the unconventional magnetic state in $\text{YMn}_{0.25}\text{In}_{0.75}\text{O}_3$: a μ SR study
Das Sarma, Dipankar
Indian Institute of Science
Accepted. 2 days Dolly
- 20202643 Probing Spin Dynamics in an $S=1/2$ Spin Liquid Candidate: Metal-Organic Framework
Das Sarma, Dipankar
Indian Institute of Science
Accepted. 2 days Dolly
- 20202382 Magnetic properties of $\text{LaFeO}_3/\text{SrTiO}_3$ superlattices
Dubroka, Adam
Masaryk Univ.
Accepted. 3 days LEM
- 20202598 Discerning the two transitions present in the 2D magnets CrX_3 ($X = \text{I}, \text{Cl}$)
Forslund, Ola
Royal Inst. of Technology (KTH)
Accepted. 2 days GPS

BVRA-2021 list of New μ SR experiments

- 20202602 Discerning the two transitions present in the 2D magnets CrX₃ (X = I, Cl)
Forslund, Ola
Royal Inst. of Technology (KTH)
Accepted. 4 days GPD
- 20202591 Complex magnetic order in Fe(II)-azido layered magnetic honeycombs
Fu, Zhendong
China Inst. of Atomic Energy
Accepted. 2 days GPS
- 20202420 Identification of magnetic phases close to the avoided ferromagnetic quantum critical point in La₅Co₂Ge₃ under pressure
Gati, Elena
Ames Laboratory, USDOE, Iowa State Univ.
Accepted. 5 days GPD
- 20202448 Magnetic Ordering and Its Suppression in the Honeycomb Iridate Ag₃LiRh₂O₆
Graf, Michael
Boston College
Accepted. 6 days GPD
- 20202673 Magnetic Ordering and Its Suppression in the Honeycomb Iridate Ag₃LiRh₂O₆
Graf, Michael
Boston College
Accepted. 2 days GPS
- 20202550 Magnetic ground state of NaRuO₂
Graf, Michael
Boston College
Accepted. 2 days GPS
- 20202466 Probing spin dynamics and local spin susceptibility in giant anomalous Hall effect kagome material KV₃Sb₅
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 3 days HAL-9500
- 20202563 Probing spin dynamics and local spin susceptibility in giant anomalous Hall effect kagome material KV₃Sb₅
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 2 days GPS
- 20202478 Microscopic study of superconductivity from buckled-honeycomb-vacancy ordering
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 3 days Dolly
- 20202479 Microscopic study of superconductivity from buckled-honeycomb-vacancy ordering
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 4 days GPD

BVRA-2021 list of New μ SR experiments

- 20202480 Microscopic study of superconductivity from buckled-honeycomb-vacancy ordering
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 1 days GPS
- 20202486 Magnetic Correlations in the Quasi-2D Semiconducting Ferromagnets CrGeTe₃ and CrSiTe₃
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 4 days GPS
- 20202540 Uniaxial strain tuning of the cooperating orders in the cuprate system La_{2-x}BaxCuO₄ down to the quantum limit
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 5 days Dolly
- 20202564 Uniaxial strain tuning of the cooperating orders in the cuprate system La_{2-x}BaxCuO₄ down to the quantum limit
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 1 days GPS
- 20202551 Uniaxial stress and hydrostatic pressure tuning of competing magnetic states in the topological system TbMn₆Sn₆
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 6 days GPD
- 20202558 Microscopic probing of magnetic state in the thin film of a topological semimetal CrPt₃
Guguchia, Zurab
Paul Scherrer Institut
Accepted. 5 days LEM
- 20202667 μ SR study of multiple magnetic phase transitions under pressure in two-dimensional CrI₃ magnets
Guguchia, Zurab
Univ. of Edinburgh
Accepted. 2 days GPS
- 20202523 Muon spin relaxation study on a charge density wave superconductor under hydrostatic pressure.
Gupta, Ritu
Paul Scherrer Institut
Accepted. 4 days GPD
- 20202525 Muon spin relaxation study on a charge density wave superconductor under hydrostatic pressure.
Gupta, Ritu
Paul Scherrer Institut
Accepted. 1 days Dolly

BVRA-2021 list of New μ SR experiments

- 20202556 Anisotropic magnetic penetration depth study on the charge density wave superconductor Lu₅Ir₄Si₁₀: μ SR study on single crystals
Gupta, Ritu
Paul Scherrer Institut
Accepted. 3 days Dolly
- 20202624 Interplay between charge density wave and superconductivity in Lu₅Ir₄Si₁₀ with broken time reversal symmetry ground state: tuning with strain
Gupta, Ritu
Paul Scherrer Institut
Accepted. 5 days Dolly
- 20202635 μ SR study of the Kondo effect in the kagome antiferromagnet Zn-brochantite
Hotz, Fabian
Univ. Zuerich
Accepted. 8 days HAL-9500
- 20202640 Determination of the spin-liquid ground state in the Kagomé antiferromagnet Zn-barlowite
Hotz, Fabian
Univ. Zuerich
Accepted. 8 days HAL-9500
- 20202677 Suppression of antiferromagnetic ordering under hydrostatic pressure in Kitaev Iridate Gamma-Li₂IrO₃: μ SR investigation under pressure
Hotz, Fabian
Univ. Zuerich
Accepted. 5 days GPD
- 20202678 Suppression of antiferromagnetic ordering under hydrostatic pressure in Kitaev Iridate Gamma-Li₂IrO₃: μ SR investigation under pressure
Hotz, Fabian
Univ. Zuerich
Accepted. 1 days GPS
- 20202495 Field-dependence of magnetic order and spin excitations in a staggered spin chain
Huddart, Benjamin
Univ. of Durham
Accepted. 4 days HAL-9500
- 20202504 Lithium ion diffusion at the cathode – solid-state electrolyte interface in microbatteries
Indrizzi, Luca
Paul Scherrer Institut
Accepted. 5 days LEM
- 20202464 Pressure dependence of the penetration and the penetration depth anisotropy of Sr₂RuO₄
Khasanov, Rustem
Paul Scherrer Institut
Accepted. 9 days GPD

BVRA-2021 list of New μ SR experiments

- 20202679 Pressure dependence of the penetration and the penetration depth anisotropy of Sr₂RuO₄
Khasanov, Rustem
Paul Scherrer Institut
Accepted. 4 days HAL-9500
- 20202687 Tuning time-reversal-symmetry-breaking nematic superconductivity in PrOs₄Sb₁₂ by uniaxial strain
Klauss, Hans-Henning
Technische Univ. Dresden
Accepted. 6 days HAL-9500
- 20202671 "Complex interplay of Rare Earth and Iron magnetism in geometrically frustrated R₃Fe₃Sb₇ (R=Nd, Pr, Sm) intermetallics"
Klauss, Hans-Henning
Technische Univ. Dresden
Accepted. 3 days GPS
- 20202496 Unconventional superconductivity in the newly discovered Sn_xNbSe₂ topological compound
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Accepted. 1 days GPS
- 20202502 Origin of superconductivity in hydrogen-doped 1T-TiSe₂ single crystals
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Accepted. 3 days Dolly
- 20202414 Magnetic transitions in S=1 spin chains based on novel architectures
Lancaster, Tom
Univ. of Durham
Accepted. 4 days GPS
- 20202430 Magnetic soliton states in chiral systems
Lancaster, Tom
Univ. of Durham
Accepted. 3 days GPS
- 20202510 Crossover of spin transport mechanism by one-dimensionalization in the anisotropic triangular antiferromagnet Ca₃ReO₅Cl₂
Lee, Suheon
Chung-Ang University
Accepted. 3 days GPS
- 20202567 Kondo impurities in the Kitaev spin liquid candidate γ -(Ru,Cr)Cl₃
Lee, Suheon
Chung-Ang University
Accepted. 3 days HAL-9500
- 20202568 Kondo impurities in the Kitaev spin liquid candidate γ -(Ru,Cr)Cl₃
Lee, Suheon
Chung-Ang University
Accepted. 2 days GPS

BVRA-2021 list of New μ SR experiments

- 20202534 Interplay between magnetism and superconductivity in FeSr₂YCu₂O_y cuprates
Lopez-Paz, Sara
Univ. Complutense de Madrid
Accepted. 2 days GPS
- 20202571 Muon spin relaxation study on the Kagome lattice compounds RE₃BWO₉ (RE:Pr and Nd)
Ma, Jie
Shanghai Jiao Tong Univ.
Accepted. 2 days Dolly
- 20202526 Investigation of the Magnetic States of the Weyl Semimetal Mn₃Sn
Majumder, Mayukh
Shiv Nadar Univ.
Accepted. 1 days GPS
- 20202529 Investigation of the Magnetic States of the Weyl Semimetal Mn₃Sn
Majumder, Mayukh
Shiv Nadar Univ.
Accepted. 5 days GPD
- 20202530 μ SR investigation of the Magnetic Field Induced Phases of a Frustrated Metallic System CePdAl
Majumder, Mayukh
Shiv Nadar Univ.
Accepted. 7 days HAL-9500
- 20202569 μ SR Study of the Quantum Critical Frustrated Kagome Compound CePd_{1-x}Ni_xAl
Majumder, Mayukh
Shiv Nadar Univ.
Accepted. 3 days Dolly
- 20202589 Pressure-tuned interactions in magnetically driven Nd_xCe_(1-x)CoIn₅ superconductor .
Margineda, Daniel
Paul Scherrer Institut
Accepted. 5 days GPD
- 20202656 Pressure-tuned interactions in magnetically driven Nd_xCe_(1-x)CoIn₅ superconductor .
Margineda, Daniel
Paul Scherrer Institut
Accepted. 1 days Dolly
- 20202419 Temperature, field and pressure dependence of magnetic penetration depth of kagome lattice superconductors LaRu_(3-x)R_(x)Si₂
Mielke, Charles
Paul Scherrer Institut
Accepted. 3 days Dolly
- 20202463 Field induced novel magnetic states and spin chirality in the kagome lattice metal YMn₆Sn₆
Mielke, Charles
Paul Scherrer Institut
Accepted. 4 days HAL-9500

BVRA-2021 list of New μ SR experiments

- 20202474 Field induced novel magnetic states and spin chirality in the kagome lattice metal YMn_6Sn_6
Mielke, Charles
Paul Scherrer Institut
Accepted. 2 days GPS
- 20202506 Impacts of growth conditions on the optoelectronics applications of $\text{CH}_3\text{NH}_3\text{PbI}_3$
Ni, Xiaojie
Paul Scherrer Institut
Accepted. 7 days LEM
- 20202553 Competition of pressure-induced phases in CeCoSi
Nikitin, Stanislav
Paul Scherrer Institut
Accepted. 4 days GPD
- 20202605 Competition of pressure-induced phases in CeCoSi
Nikitin, Stanislav
Paul Scherrer Institut
Accepted. 1 days GPS
- 20202633 Molecular rotors in metal-organic frameworks at cryogenic temperatures: compresence of different rotating moieties
Prando, Giacomo
Univ. degli Studi di Pavia
Accepted. 4 days Dolly
- 20202617 Odd Frequency Proximity Effect in Nb/InSb superconductor/semiconductor 2DEG heterostructures:
Robinson, Thomas
Univ. of Cardiff
Accepted. 3 days LEM
- 20202614 Probing Dynamics of a Frustration Stabilised 1D Ordered Magnet
Saines, Paul
Univ. of Kent
Accepted. 3 days Dolly
- 20202552 Towards a detailed description of a coherent quantum resonance in A15 compounds
Sanna, Samuele
Univ. degli Studi di Bologna
Accepted. 3 days GPS
- 20202664 μ SR study of multiple magnetic phase transitions under pressure in two-dimensional CrI_3 magnets
Santos, Elton
Univ. of Edinburgh
Accepted. 6 days GPD
- 20202574 Tuning the spin-liquid state of $\text{Ca}_{10}\text{Cr}_7\text{O}_{28}$ by uniaxial pressure
Sarkar, Rajib
Technische Univ. Dresden
Accepted. 5 days Dolly

BVRA-2021 list of New μ SR experiments

- 20202511 Antiferromagnetism and superconductivity in the heavy-fermion compound
CeNi_{0.8}Bi₂: A μ SR study
Shang, Tian
Paul Scherrer Institut
Accepted. 4 days Dolly
- 20202513 μ SR study of the topological superconductor candidate Mo₂C
Shang, Tian
Paul Scherrer Institut
Accepted. 3 days Dolly
- 20202514 Investigations of spin order and dynamics in the EuAl₄ and EuGa₄ topological antiferromagnets
Shang, Tian
Paul Scherrer Institut
Accepted. 2 days GPS
- 20202499 μ SR investigation of a $S=1/2$ Heisenberg bcc spin liquid candidate
Sharma, Ramender
Tata Inst. of Fundamental Research
Accepted. 1 days GPS
- 20202445 Chemical- and physical pressure effects on XBe₂₂ superconductors: A comparative μ SR study
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Accepted. 2 days Dolly
- 20202527 Chemical- and physical pressure effects on XBe₂₂ superconductors: A comparative μ SR study
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Accepted. 4 days GPD
- 20202557 Does new iron phosphate (LiCl)_{3-x}(NH₄)Fe₃(HPO₄)₂(H₂PO₄)₆ possess a quantum
spin liquid ground state?
Siebeneichler, Stefanie
Univ. Stockholm
Accepted. 1 days Dolly
- 20202681 Muon spin rotation study of topological spin-textures in CeAgBi₂
Simeth, Wolfgang
Paul Scherrer Institut
Accepted. 5 days HAL-9500
- 20202684 Muon spin rotation study of topological spin-textures in CeAgBi₂
Simeth, Wolfgang
Paul Scherrer Institut
Accepted. 1 days GPS
- 20202588 Approaching a Quantum Spin Liquid in Avierevite
Simutis, Gediminas
Univ. Paris-Sud
Accepted. 2 days GPS

BVRA-2021 list of New μ SR experiments

- 20202648 Approaching a Quantum Spin Liquid in Avierevite
Simutis, Gediminas
Univ. Paris-Sud
Accepted. 1 days Dolly
- 20202536 Investigating the unconventional superconducting ground state of antiperovskite intermetallic superconductor MgCNi₃
Singh, Deepak
Paul Scherrer Institut
Accepted. 2 days Dolly
- 20202548 Probing the superconducting gap structure and spin fluctuations in KCa₂Fe₄As₄F₂
Smidman, Michael
Zhejiang Univ.
Accepted. 2 days GPS
- 20202629 Characterising the influence of superconductivity on the magnetic interactions in artificial spin ice
Stewart, Rhea
ETH Zuerich - Paul Scherrer Institut
Accepted. 6 days LEM
- 20202601 Field Induced Magnetic Transitions in Superconducting (Ce,Sm)CoIn₅
Tam, David
Paul Scherrer Institut
Accepted. 4 days HAL-9500
- 20202628 μ SR study of multiple magnetic phase transitions in FeGe
Teng, Xiaokun
Rice Univ.
Accepted. 2 days GPS
- 20202627 Helical order in the zigzag-chain antiferromagnet Na₂VO(SO₄)₂
Tsirlin, Alexander
Univ. Augsburg
Accepted. 3 days HAL-9500
- 20202585 Spin-liquid physics in Li₂IrO₃ and Li₂RhO₃ thin films
Uhl, Maximilian
Univ. Augsburg
Accepted. 8 days LEM
- 20202503 High-field study of Al₂O₃
Vilao, Rui
Univ. of Coimbra
Accepted. 6 days HAL-9500
- 20202599 Investigation on the Magnetic Ground State and Anomalous Spin Dynamics in (Nd_{1-x}Cax)₂Ru₂O₇
Widyaiswari, Utami
RIKEN
Accepted. 2 days GPS

BVRA-2021 list of New μ SR experiments

- 20202622 Effect of pressure on the magnetic ground state of the skyrmion host GaV₄S₈
Wilson, Murray
Univ. of Durham
Accepted. 6 days GPD
- 20202488 μ SR Study of Magnetism in FeSn and Fe_{0.5}Co_{0.5}Sn
Xie, Yaofeng
Rice Univ.
Accepted. 2 days GPS
- 20202652 Magnetic ground state of 2D-honeycomb magnet Ba(Ni_{1-x}Mg_x)₂V₂O₈
Yamauchi, Ichihiro
Saga Univ.
Accepted. 1 days GPS
- 20202682 μ SR investigation on pure phase HfD superconducting single crystal FeSe_{1-y}Te
crystals with small Te substitution ($y < 0.4$)
Yu, Li
Chinese Academy of Sciences
Accepted. 3 days GPS
- 20202609 Nature of the spin-liquid ground state in the breathing kagome antiferromagnet
KBa₃Ca₄Cu₃V₇O₂₈ with strong breathing anisotropy
Zorko, Andrej
Jozef Stefan Inst.
Accepted. 6 days HAL-9500
- 20202615 Nature of the spin-liquid ground state in the breathing kagome antiferromagnet
KBa₃Ca₄Cu₃V₇O₂₈ with strong breathing anisotropy
Zorko, Andrej
Jozef Stefan Inst.
Accepted. 2 days GPS
- 20202544 Pairing Symmetry of Electron Doped KCa₂Fe₄As₄F₂ superconductor
Adroja, Devashibhai
Rutherford Appleton Lab.
Refused. 0 days Dolly
- 20202487 Anisotropic Spin-Triplet Pairing in Single Crystalline LaNiGa₂
Badger, Jackson
Univ. of California, Davis
Refused. 0 days Dolly
- 20202662 Understanding the magnetic and ferroelectric phase transition in the multiferroic
material, FeCl₅(NH₄)₂H₂O
Berlie, Adam
Rutherford Appleton Lab.
Refused. 0 days GPS
- 20202665 Magnetism close to the Majumdar-Ghosh point in the natural mineral szenicsite
Berlie, Adam
Rutherford Appleton Lab.
Refused. 0 days Dolly

BVRA-2021 list of New μ SR experiments

- 20202484 Probing the magnetic ordering in reduced and oxidised layered manganese oxide chalcogenides
Blundell, Stephen
Univ. of Oxford
Refused. 0 days GPS
- 20202646 Muon-spin-rotation (μ SR) Study across the Nematic Quantum Critical Point in FeSe_{1-x}S_x
Chen, Tong
Rice Univ.
Refused. 0 days Dolly
- 20202647 Muon-spin-rotation (μ SR) Study across the Nematic Quantum Critical Point in FeSe_{1-x}S_x
Chen, Tong
Rice Univ.
Refused. 0 days HAL-9500
- 20202431 Pressure Induced Quantum Criticality in Ce₂Rh₃Ge₅: A μ SR study
Das, Debarchan
Paul Scherrer Institut
Refused. 0 days GPD
- 20202471 Probing 2D superconductivity in a bulk van der Waals superlattice framework: μ SR study
Das, Debarchan
Paul Scherrer Institut
Refused. 0 days Dolly
- 20202508 Effect of hydrostatic pressure on the multigap nodal superconductivity and magnetism in ACa₂Fe₄As₄F₂ (A = K and Cs)
Das, Debarchan
Paul Scherrer Institut
Refused. 0 days GPD
- 20202528 Effect of hydrostatic pressure on the multigap nodal superconductivity and magnetism in ACa₂Fe₄As₄F₂ (A = K and Cs)
Das, Debarchan
Paul Scherrer Institut
Refused. 0 days GPS
- 20202531 Probing possible multigap behavior in two novel non-centrosymmetric superconductors NbIr₂B₂ and TaIr₂B₂: μ SR study
Das, Debarchan
Paul Scherrer Institut
Refused. 0 days Dolly
- 20202392 Unraveling the magnetic ground state of Ho₂Zr₂O₇ pyrochlore: A candidate for spin ice state
Devi, Sheetal
Indian Inst. of Technology Mandi
Refused. 0 days HAL-9500

BVRA-2021 list of New μ SR experiments

- 20202603 Competition between CDW and superconductivity under hydrostatic pressure in MX₂ (M = Ti, Ta; X = Se, S)
Forslund, Ola
Royal Inst. of Technology (KTH)
Refused. 0 days GPD
- 20202606 Competition between CDW and superconductivity under hydrostatic pressure in MX₂ (M = Ti, Ta; X = Se, S)
Forslund, Ola
Royal Inst. of Technology (KTH)
Refused. 0 days Dolly
- 20202565 Complex magnetic order in Fe(II)-azido layered magnetic honeycombs
Fu, Zhendong
China Inst. of Atomic Energy
Refused. 0 days Dolly
- 20202541 Muon spin relaxation study of quantum spin liquid candidate CoZnMo₃O₈
Gao, Bin
Rice Univ.
Refused. 0 days Dolly
- 20202676 Search for time-reversal symmetry breaking and unconventional superconductivity in LuPtBi
Grinenko, Vadim
Technische Univ. Dresden
Refused: 0 days Dolly
- 20202562 Probing spin dynamics and local spin susceptibility in giant anomalous Hall effect kagome material KV₃Sb₅
Guguchia, Zurab
Paul Scherrer Institut
Refused. 0 days Dolly
- 20202549 Uniaxial stress and hydrostatic pressure tuning of competing magnetic states in the topological system TbMn₆Sn₆
Guguchia, Zurab
Paul Scherrer Institut
Refused. 0 days Dolly
- 20202413 Puzzles of the magnetic ground state of double perovskite iridates
Guo, Hanjie
Songshan Lake Materials Lab.
Refused. 0 days GPS
- 20202429 μ SR studies on quantum spin liquid candidates REZnAl₁₁O₁₉ (RE = rare-earth ions)
Guo, Hanjie
Songshan Lake Materials Lab.
Refused. 0 days Dolly

BVRA-2021 list of New μ SR experiments

- 20202545 Interplay between charge density wave and superconductivity in Lu₅Rh₄Si₁₀ with hydrostatic pressure: a μ SR study
Gupta, Ritu
Paul Scherrer Institut
Refused. 0 days GPD
- 20202546 Interplay between charge density wave and superconductivity in Lu₅Rh₄Si₁₀ with hydrostatic pressure: a μ SR study
Gupta, Ritu
Paul Scherrer Institut
Refused. 0 days Dolly
- 20202566 Probe the static magnetism and dynamic spin fluctuations in triangular-lattice antiferromagnet NaTmO₂
Jin, Wentao
Beihang University
Refused. 0 days Dolly
- 20202475 Studying Emergent Ferromagnetism in Ultrathin (111)-Oriented LaNiO₃ Films
Kane, Margaret
Univ. Stanford
Refused 0 days LEM
- 20202438 Anomalous coexistence of charge order and magnetism in Y_{1-x}Pr_xBa₂Cu₃O₇ thin films
Kang, Min Gu
Massachusetts Inst. of Technology
Refused. 0 days LEM
- 20202476 Search for possible two-gap superconductivity in elemental Pb
Khasanov, Rustem
Paul Scherrer Institut
Refused. 0 days GPS
- 20202670 Tuning time-reversal-symmetry-breaking nematic superconductivity in PrOs₄Sb₁₂ by uniaxial strain
Klauss, Hans-Henning
Technische Univ. Dresden
Refused. 0 days Dolly
- 20202672 Possible spin liquid in the MnSc₂Se₄ spinel
Klauss, Hans-Henning
Technische Univ. Dresden
Refused. 0 days Dolly
- 20202443 Unconventional superconductivity across a structural phase transition in the newly discovered (Ca,Sr)Pd₃P solid solution
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Refused. 0 days Dolly

BVRA-2021 list of New μ SR experiments

- 20202507 Pressure-temperature phase diagram of superconducting Scandium Borocarbide
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Refused. 0 days GPD
- 20202509 Pressure-temperature phase diagram of superconducting Scandium Borocarbide
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Refused. 0 days GPS
- 20202437 Slow spin dynamics in Tb-based single-ion magnets : a μ SR approach
Lascialfari, Alessandro
Univ. degli Studi di Pavia
Refused. 0 days GPS
- 20202519 Muon spin relaxation study in the spin-1/2 honeycomb $\text{Na}_2\text{Co}_2\text{TeO}_6$
Lin, Gaoting
Shanghai Jiao Tong Univ.
Refused. 0 days HAL-9500
- 20202520 Muon spin relaxation study in the spin-1/2 honeycomb $\text{Na}_2\text{Co}_2\text{TeO}_6$
Lin, Gaoting
Shanghai Jiao Tong Univ.
Refused. 0 days GPS
- 20202555 Microscopic probing of the magnetic order in PrNiO_2
Lin, Hai
Univ. Zuerich
Refused. 0 days GPS
- 20202581 Muon spin relaxation study of the single crystals of rare-earth chalcogenides AReCh_2 -
candidates of quantum spin liquid
Ma, Jie
Shanghai Jiao Tong Univ.
Refused. 0 days Dolly
- 20202396 Elucidating the role of the phase boundary wall in the dynamics of the first-order magnetic
phase transition in FeRh .
Massey, Jamie
ETH Zuerich - Paul Scherrer Institut
Refused. 0 days LEM
- 20202473 Temperature, field and pressure dependence of magnetic penetration depth of
kagome lattice superconductors $\text{LaRu}_{(3-x)}\text{R}_x\text{Si}_2$
Mielke, Charles
Paul Scherrer Institut
Refused. 0 days GPD
- 20202489 Evaluation of the potential quantum spin liquid states in some new triple perovskite Iridates
Nair, Sunil
Indian Inst. of Science Education and Research (IISER)
Refused. 0 days Dolly

BVRA-2021 list of New μ SR experiments

- 20202542 muSR study on the triangular-lattice antiferromagnet YbBO₃
Nath, Ramesh
Indian Institute of Science Education and Research Thiruvananthapuram (IISER-TVM)
Refused. 0 days Dolly
- 20202642 Investigating the Unconventional Superconductivity in Single Crystalline Nb₂PdxSe₅
Neu, Jennifer
Florida State Univ.
Refused. 0 days HAL-9500
- 20202641 Investigation of the muSR spectra in the quantum critical and superconducting regimes of UAu₂.
O'Neill, Christopher
Univ. of Edinburgh
Refused. 0 days GPD
- 20202649 Investigation of the muSR spectra in the quantum critical and superconducting regimes of UAu₂.
O'Neill, Christopher
Univ. of Edinburgh
Refused. 0 days Dolly
- 20202455 Searching for evidence for topology-induced unconventional superconductivity
Papadopoulos, Konstantinos
Chalmers Univ. of Technology
Refused. 0 days Dolly
- 20202532 Diamagnetic chemical dilution in a two-dimensional antiferromagnet on a hexagonal lattice
Prando, Giacomo
Univ. degli Studi di Pavia
Refused. 0 days Dolly
- 20202447 Magnetic ordering in a quasi-one-dimensional S= 1/2 chain compound AgCuVO₄
Pregelj, Matej
Jozef Stefan Inst.
Refused. 0 days GPS
- 20202685 Magnetic order in the (La,Ca)NiO_{3-x} reduction series
Puphal, Pascal
Max Planck Inst. for Solid State Research
Refused. 0 days GPS
- 20202501 Magnetic ground state of NdAuIn ternary compound as studied by muSR
Sadrollahi, Elaheh
Technische Univ. Dresden
Refused. 0 days Dolly
- 20202560 Approaching the Kitaev spin-liquid limit in spin j = 1/2 A₂BO₃ (A = Na, Li; B = Pr, Tb)
Sanna, Samuele
Univ. degli Studi di Bologna
Refused. 0 days Dolly

BVRA-2021 list of New μ SR experiments

- 20202625 Study of the spin dynamics of SPIONS nanoparticles as a function of magnetic anisotropy
Sanna, Samuele
Univ. degli Studi di Bologna
Refused. 0 days GPS
- 20202655 Superconducting Pairing Symmetry and Strange Metallic State of the Doped Spin
Liquid Candidate κ -(ET)₄Hg_{2.89}Br₈
Sari, Dita
Shibaura Inst. of Technology
Refused. 0 days Dolly
- 20202657 Superconducting Pairing Symmetry and Strange Metallic State of the Doped Spin
Liquid Candidate κ -(ET)₄Hg_{2.89}Br₈
Sari, Dita
Shibaura Inst. of Technology
Refused. 0 days HAL-9500
- 20202457 Search for quantum spin liquid signature in Gd₂ZnIrO₆
Sarkar, Rajib
Technische Univ. Dresden
Refused. 0 days GPS
- 20202458 Search for Quantum paramagnet with random valence bonds signature in La₂MgRhO₆
Sarkar, Rajib
Technische Univ. Dresden
Refused. 0 days Dolly
- 20202659 Static and dynamic magnetism of a proposed S=2 Haldane chain compound La₄FeOS₆
Sarkar, Rajib
Technische Univ. Dresden
Refused. 0 days GPS
- 20202516 Investigations of spin order and dynamics in the EuAl₄ and EuGa₄ topological antiferromagnets
Shang, Tian
Paul Scherrer Institut
Refused. 0 days HAL-9500
- 20202446 μ SR study of the strongly-coupled ThIrSi noncentrosymmetric superconductor
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Refused. 0 days Dolly
- 20202524 μ SR study of the actinide-based Th₄Be₃₃Pt₁₆ superconductor
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Refused. 0 days HAL-9500
- 20202573 Ground state of disorder-free triangular-lattice Na₂BaCo(PO₄)₂ : MuSR study
Shu, Lei
Fudan Univ.
Refused. 0 days HAL-9500

BVRA-2021 list of New μ SR experiments

- 20202584 MuSR study on triangular-lattice spin liquid candidate $\text{Lu}_3\text{Sb}_3\text{Ni}_2\text{O}_{14}$
Shu, Lei
Fudan Univ.
Refused. 0 days Dolly
- 20202537 Probing the unconventional superconductivity in the Ni-doped NbB_2 System: A μ SR study
Singh, Deepak
Paul Scherrer Institut
Refused. 0 days Dolly
- 20202539 Probing pairing symmetry in a new possible multiband superconducting candidate $\text{Ta}_{0.8}\text{Zr}_{0.2}\text{B}$
Singh, Deepak
Paul Scherrer Institut
Refused. 0 days Dolly
- 20202570 Study of Complex Magnetization States in Co Doped $\text{Ni}_2\text{Mn}_{1.4}\text{In}_{0.6}$ Magnetic Shape Memory Heusler Alloys
Singh, Sanjay
Indian Inst. of Technology (BHU)
Refused. 0 days GPD
- 20202604 Probing the superconducting gap structure and spin fluctuations in $\text{KCa}_2\text{Fe}_4\text{As}_4\text{F}_2$
Smidman, Michael
Zhejiang Univ.
Refused. 0 days Dolly
- 20202668 Orbital Selective Superconductivity in $\text{Ba}(\text{Fe},\text{Co})_2\text{As}_2$
Tam, David
Paul Scherrer Institut
Refused. 0 days GPS
- 20202608 Helical order in the zigzag-chain antiferromagnet $\text{Na}_2\text{VO}(\text{SO}_4)_2$
Tsirlin, Alexander
Univ. Augsburg
Refused. 0 days Dolly
- 20202636 What is the role of spin fluctuation in the destruction of the defined nematic director in $(\text{Ba},\text{K},\text{Rb})\text{Fe}_2\text{As}_2$?
Wang, Chennan
Paul Scherrer Institut
Refused. 0 days HAL-9500
- 20202653 What is the role of spin fluctuation in the destruction of the defined nematic director in $(\text{Ba},\text{K},\text{Rb})\text{Fe}_2\text{As}_2$?
Wang, Chennan
Paul Scherrer Institut
Refused. 0 days GPS
- 20202593 Nano-Size Effect on Stripes in the La-Based High-Tc Superconducting Oxide
Watanabe, Isao
RIKEN
Refused. 0 days GPS

BVRA-2021 list of New μ SR experiments

- 20202596 Revealing the magnetic transition of rare-earth nickelates upon hydrogenations
Watanabe, Isao
RIKEN
Refused. 0 days GPS
- 20202575 Investigation on the Magnetic Ground State and Anomalous Spin Dynamics in $(\text{Nd}_{1-x}\text{Ca}_x)_2\text{Ru}_2\text{O}_7$
Widyaiswari, Utami
RIKEN
Refused. 0 days Dolly
- 20202572 Search for frustrated magnetism in the diamond magnet $\text{Cu}_{1-x}\text{Zn}_x\text{Rh}_2\text{SO}_4$
Yamauchi, Ichihiko
Saga Univ.
Refused. 0 days GPS
- 20202683 Understand the normal state electronic instabilities in high quality $(\text{LiFeOH})\text{FeSe}$ single crystals
Yu, Li
Chinese Academy of Sciences
Refused. 0 days HAL-9500
- 20202686 Understand the normal state electronic instabilities in high quality $(\text{LiFeOH})\text{FeSe}$ single crystals
Yu, Li
Chinese Academy of Sciences
Refused. 0 days GPS
- 20202493 First μ SR study on mechanoluminescence materials
Zheng, Xu-Guang
Saga Univ.
Refused. 0 days GPS

BVRA-2021 list of Continued μ SR experiments

- 20202618 muSR study of the strain-induced magnetism and superconductivity in iron-chalcogenide thin films
Adachi, Tadashi Sophia Univ.
Accepted. 7 days LEM
Continuation of 20190275
- 20202631 Tunable long range magnetic ordering inducing time reversal symmetry breaking in Chiral molecules on superconducting Nb
Alpern, Hen
The Hebrew Univ. of Jerusalem
Accepted. 5 days LEM
Continuation of 20192187
- 20202663 "MIXE (negative Muon-Induced X-ray Emission) technique for non-destructive, depth-sensitive elemental composition studies"
Amato, Alex
Paul Scherrer Institut
Accepted. 14 days Dolly
Continuation of 2019 2041
- 20202554 Investigation of charge-neutral muon states in classic antiferromagnets
Dehn, Martin
Univ. British Columbia
Accepted. 2 days GPS
Continuation of 20192188
- 20202654 Investigation of charge-neutral muon states in classic antiferromagnets
Dehn, Martin
Univ. British Columbia
Accepted. 2 days HAL-9500
Continuation of 20192188
- 20202538 Coherence and population transfer for high-resolution pulsed DEMUR
Doll, Andrin
Paul Scherrer Institut
Accepted. 3 days GPS
Continuation of 20192139
- 20202547 Pulsed double electron-muon resonance investigation of phthalocyanines
Doll, Andrin
Paul Scherrer Institut
Accepted. 3 days GPS
Continuation of 20192139
- 20202497 Determining the nature of the magnetism in infinite layer nickelate superconductors
Fowlie, Jennifer
Univ. Geneve
Accepted. 7 days LEM
Continuation of 20201887

BVRA-2021 list of Continued μ SR experiments

- 20202650 A multi-component superconducting order parameter and two critical points in Sr₂RuO₄ under uniaxial strain
Grinenko, Vadim
Technische Univ. Dresden
Accepted. 5 days Dolly
Continuation of 20192214
- 20202592 Exploring Muon Fractions in 4H-SiC – Dopant & Doping Dependence
Grossner, Ulrike
ETH Zürich
Accepted. 9 days LEM
Continuation of 20190333
- 20202412 Magnetic properties of Gd-irridium MAX single crystals as precursors for two-dimensional magnetic materials
Keren, Amit
The Israel Inst. of Technology - Technion
Accepted. 2 days GPS
Continuation of 20190041
- 20202444 Study of unconventional magnetism near a quantum critical point in the heavy-fermion CeRh₂As₂ superconductor
Khim, Seunghyun
Max-Planck-Inst. für Chemische Physik fester Stoffe
Accepted. 2 days Dolly
Continuation of 20192173
- 20202440 Continuation Study of the Magnetic Properties of A₂Ni_{2-x}CoxTeO₆ (A=Li and Na) Layered Honeycomb Materials
Mansson, Martin
Royal Inst. of Technology (KTH)
Accepted. 4 days GPS
Continuation of 20192057
- 20202576 Local magnetic fields in paramagnetic phase of TbMnO₃ and TbMn_{0.98}Fe_{0.02}O₃ under transverse magnetic field
Moreira, Joaquim Agostinho
FACULDADE DE CIÊNCIAS DA UNIVERSIDADE DO PORTO
Accepted. 5 days HAL-9500
Continuation of 20192052
- 20202639 Investigation of stoichiometric layered topological insulators: [MnBi₂Te₄][Bi₂Te₃]_n
Salman, Zaher
Paul Scherrer Institut
Accepted. 2 days HAL-9500
Continuation of 20192225

BVRA-2021 list of Continued μ SR experiments

- 20202669 Investigation of the interplay between magnetism and muonium states in semiconducting TMDCs - crystals to devices
Salman, Zaher
Paul Scherrer Institut
Accepted. 3 days LEM
Continuation of 20192218
- 20202613 Phase diagram of the frustrated two-dimensional ferromagnet PbVO₃
Skoulatos, Markos
Techn. Univ. Muenchen
Accepted. 5 days GPD
Continuation of 20190357
- 20202580 Investigating the Role of Organic Linker in the Magnetic Ground State Selection of $S = \frac{1}{2}$ Kagome MOFs
Tustain, Katherine
Univ. of Liverpool
Accepted. 3 days GPS
Continuation of 20192180
- 20202559 Investigating the effect changing the lanthanide ion in polioxometalates single-ion magnet of the family [Ln(W₅O₁₈)₂]-n
Vieira, Ricardo
Univ. of Aveiro
Accepted. 3 days GPS
Continuation of 20192145
- 20202385 Investigating the effect of post-deposition treatment in CIGS thin-film solar cells: layer-effect vs. bulk passivation of grain boundaries
Vilao, Rui
Univ. of Coimbra
Accepted. 5 days LEM
Continuation of 20190181
- 20202645 Exotic magnetism in R₂PdSi₃ materials
Wilson, Murray
Univ. of Durham
Accepted. 4 days GPS
Continuation of 20190269
- 20202626 High-pressure studies of the triangular-lattice antiferromagnet Cs₂CuBr₄
Zvyagin, Sergei
Helmholtz-Zentrum Dresden-Rossendorf (HZDR)
Accepted. 4 days GPD
Continuation of 20192014
- 20202637 Exploring the origin of weak magnetism in Sr₂RuO₄
Di Bernardo, Angelo
Univ. Konstanz
Refused. 0 days HAL-9500
Continuation of 20192178

BVRA-2021 list of Continued μ SR experiments

- 20202660 Exploring the origin of weak magnetism in Sr₂RuO₄
Di Bernardo, Angelo
Univ. Konstanz
Refused. 0 days GPS
Continuation of 20192178
- 20202661 Exploring the origin of weak magnetism in Sr₂RuO₄
Di Bernardo, Angelo
Univ. Konstanz
Refused. 0 days GPD
Continuation of 20192178
- 20202651 Nematic superconductivity and time-reversal symmetry breaking in KFe₂As₂
Grinenko, Vadim
Technische Univ. Dresden
Refused. 0 days GPS
Continuation of 20180674
- 20202674 Nematic superconductivity and time-reversal symmetry breaking in KFe₂As₂
Grinenko, Vadim
Technische Univ. Dresden
Refused. 0 days Dolly
Continuation of 20180674
- 20202610 Study of unconventional magnetism near a quantum critical point in the heavy-fermion CeRh₂As₂ superconductor
Khim, Seunghyun
Max-Planck-Inst. für Chemische Physik fester Stoffe
Refused. 0 days HAL-9500
Continuation of 20192173
- 20202521 Field dependence of the magnetic penetration depth in superconductors (continue)
Kozhevnikov, Vladimir
KU Leuven
Refused. 0 days LEM
Continuation of 20180450
- 20202644 Field dependence of the magnetic penetration depth in superconductors (continue)
Kozhevnikov, Vladimir
KU Leuven
Refused. 0 days Dolly
Continuation of 20180450
- 20202611 Is the Abrikosov's model still valid in nematic superconductors?
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Refused. 0 days Dolly
Continuation of 20190248

BVRA-2021 list of Continued μ SR experiments

- 20202460 Magnetic nature of wolframite $A\text{ReO}_4$ with $A = \text{Mn}$ and Fe
Nocerino, Elisabetta
Royal Inst. of Technology (KTH)
Refused. 0 days GPS
Continuation of 20192083
- 20202492 How Na deintercalation changes magnetic nature of 2D triangular antiferromagnet NaCrO_2
Sugiyama, Jun
CROSS
Refused. 0 days GPS
Continuation of 20152029