

PSI, Villigen
February 8, 2023

**MINUTES "BESCHLUSSKONFERENZ"
OF THE USERS MEETING BV 54 AT PSI
February 8, 2023**

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

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

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 May 25 to December 21, 2022. A schedule has been worked out which satisfies most beam requests.

As usual, the beam schedules 2023 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 55 is scheduled for February 5-7, 2024. The first day is reserved for detailed reviews as usual. The deadline for beam requests, new proposals and addenda is January 22, 2024. Users are requested to make electronic submissions of their documents.

The dates for the next meeting BVRA-2024 are not fixed yet.

Attachments

- PSI 590 MeV HE Program 2023 can also be found on <https://www.psi.ch/de/sbl>
- BV54 list of PSI HE experiments
- BVRA-23 List of New μ SR experiments
- BVRA-23 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 2023

Beam Allocations 2023

https://www.psi.ch/de/sbl/schedules		<stefan.ritt@psi.ch>	Month	April				May				June				July				August				September				October				November				December															
Last update:	2/7/2023 13:08:25			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	█				█				█				█				█				█				█				█				█														
				Days	0	0	0	0	0	0	0	4	7	7	3	7	7	3	7	6	7	4	4	7	7	6	7	3	7	7	6	7	3	7	7	6	7	3	7	7	6	4									
				Start (Monday)	Apr/3/23	Apr/10/23	Apr/17/23	Apr/24/23	May/1/23	May/8/23	May/15/23	May/22/23	May/29/23	Jun/5/23	Jun/12/23	Jun/19/23	Jun/26/23	Jul/3/23	Jul/10/23	Jul/17/23	Jul/24/23	Jul/31/23	Aug/7/23	Aug/14/23	Aug/21/23	Aug/28/23	Sep/4/23	Sep/11/23	Sep/18/23	Sep/25/23	Oct/2/23	Oct/9/23	Oct/16/23	Oct/23/23	Oct/30/23	Nov/6/23	Nov/13/23	Nov/20/23	Nov/27/23	Dec/4/23	Dec/11/23	Dec/18/23									
				End (Sunday)	Apr/9/23	Apr/16/23	Apr/23/23	Apr/30/23	May/7/23	May/14/23	May/21/23	May/28/23	Jun/4/23	Jun/11/23	Jun/18/23	Jun/25/23	Jul/2/23	Jul/9/23	Jul/16/23	Jul/23/23	Jul/30/23	Aug/6/23	Aug/13/23	Aug/20/23	Aug/27/23	Sep/3/23	Sep/10/23	Sep/17/23	Sep/24/23	Oct/1/23	Oct/8/23	Oct/15/23	Oct/22/23	Oct/29/23	Nov/5/23	Nov/12/23	Nov/19/23	Nov/26/23	Dec/3/23	Dec/10/23	Dec/17/23	Dec/24/23									
Area	Experiment	PSI Contact	End (Sunday)																																																
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.)																																																
PIE1-2	MIXE	Amato	Amato/Knecht																																																
	R-16-01.1 muX	Knecht	Knecht																																																
	R-20-01.1 OMC4DBD	Knecht	Zinatulina																																																
	R-23-02.1 QUARTET	Knecht	Ohayon																																																
	R-23-03.1 ReferenceRadii	Knecht	Cocolios																																																
	R-21-02.1 muon EDM	Schmidt-Wellenb.	Schmidt-Wellenb.																																																
	R-21-03.1 Anvil	Antognini	Knaian																																																
	R-22-02.1 LEMING	Antognini	Soter																																																
PIE5	R-99-05.2 MEG	Papa	Mori																																																
	R-12-03.1 Mu3E	Knecht	Schoening																																																
UCN-S	R-05-03.1 n2EDM	Lauss	Lauss																																																
UCN-W1	R-23-01.1 tSPECT	Lauss	Fertl																																																
PIM1	R-12-03.1 Mu3E	Schmidt-Wellenb.	Schoening																																																
	R-12-01.2 MUSE	Reggiani	Downie																																																
	Praktikum ETHZ/JGU/UHI	Antognini	Berger																																																
	Praktikum UZH	Schmidt-Wellenb.	Caminada																																																
	COMET	Schmidt-Wellenb.	Oishi																																																
	R-22-01.1 PIONEER	Schmidt-Wellenb.	Kammel																																																

BV54 LIST OF PSI π / μ EXPERIMENTS: BEAM REQUESTS AND ALLOCATIONS 2023

1. New Lols

Proposal No.	Spokesperson	Email	Experiment	Request	Area	Granted	Reviewers
R-23-01.1	M. Fertl	mfertl@uni-mainz.de	tSPECT	30 w	UCN W1	30 w	B. Filippone, G. Greene, B. Sauer, M. Ramsey-Musolf
R-23-02.1	B. Ohayon	benohayon@physics.technion.ac.il	QUARTET	2 w	piE1	1.5 w	C. Curceanu, P. Kammel, L. Baudis, G. Colangelo,

2. New Proposals

Proposal No.	Spokesperson	Email	Experiment	Request	Area	Granted	Reviewers
R-21-02.1	P. Schmidt-Welle	philipp.schmidt-wellenburg@psi.ch	muonEDM	2 w	piE1	2 w	B. Sauer, G. Greene, D. Bryman, B. Filippone, G. Colangelo
R-23-03.1	T. Coccolios	thomas.coccolios@kuleuven.be	ReferenceRadii	1.5 w	piE1	1 w	B. Filippone, L. Baudis, G. Greene, G. Colangelo
R-23-04.1	U. Fahrenholz	ulrike.fahrenholz@tum.de	UniKaon	2 w	piE1	-	L. Baudis, C. Curceanu, D. Bryman, St. Passaggio, M. Ramsey-Musolf
R-23-05.1	M. Niikura	niikura@riken.jp	MuonFission	0.5 w	PIE1	-	C. Hoffman, P. Kammel, D. Bryman, P. Riedler, G. Colangelo

3. Progress Reports and Beam Requests

Proposal No.	Spokesperson	Email	Experiment	Request	Area	Granted	Reviewers
R-99-05.2	T. Mori A. Baldini	mori@icepp.s.u-tokyo.ac.jp baldini@pi.infn.it	MEG II	30 w	piE5	27 w	St. Passaggio, D. Bryman, C. Hoffman, U. Uwer, L. Baudis, M. Ramsey-Musolf, P. Riedler
R-05-03.1	B. Lauss G. Pignol	bernhard.lauss@psi.ch guillaume.pignol@psc.in2p3.fr	n2EDM	All	UCN South	All	B. Sauer, B. Filippone, D. Bryman, C. Curceanu, G. Greene
R-12-01.2	Gilman, R. Downie, E.	rgilman@physics.rutgers.edu edownie@gwu.edu	MUSE	6 m	piM1	18 w	G. Greene, G. Colangelo, B. Filippone, P. Kammel, B. Sauer, C. Curceanu
R-12-03.1	Schoening, A. Ritt, S.	andre.schoening@desy.de stefan.ritt@psi.ch	Mu3e	4 w + 3 w	piM1 + piE5	3 w + 3 w	P. Kammel, C. Hoffman, R. Horisberger, P. Riedler, St. Passaggio, U. Uwer, M. Ramsey-Musolf
R-14-02.1	A. Antognini	aldo.antognini@psi.ch	muCool	3.5 w	piE1	-	St. Passaggio, P. Kammel, D. Bryman, G. Colangelo
R-16-01.1	A. Knecht	a.knecht@psi.ch	muX	2 w	piE1	1.5 w	D. Bryman, L. Baudis, G. Greene, B. Filippone, M. Ramsey-Musolf
R-20-01.1	Zinatulina, D.	zinatulina@jinr.ru	OMC4BDB	4 w	piE1	1 w	P. Kammel, M. Ramsey-Musolf, L. Baudis, C. Curceanu
R-21-03.1	A. Knaian	ara@nklabs.com	Anvil	6 w	piE1	3 w	C. Curceanu, P. Kammel, C. Hoffman, L. Baudis
R-22-01.1	D. Bryman D. Hertzog T. Mori	doug@triumf.ca hertzog@uw.edu mori@icepp.s.u-tokyo.ac.jp	PIONEER	2 w	piE1	2 w piM1	L. Baudis, C. Curceanu, St. Passaggio, B. Sauer, M. Ramsey-Musolf
R-22-02.1	A. Soter	anna.soter@psi.ch	LEMING	4 w	piE1	3 w	D. Bryman, P. Kammel, C. Curceanu, Ben Sauer, M. Ramsey-Musolf, G. Colangelo
R-19-01.1			MuMass	-	LEM		B. Filippone, C. Hoffman

4. Test Beam Requests

Spokesperson	Email	Experiment	Request	Area	Granted	Reviewer
K. Oishi	k.oishi@imperial.ac.uk	COMET	0.5 w	piM1	1 w	U. Uwer

5. Lab Courses

Spokesperson	Email	Experiment	Request	Area	Granted
Antognini, A.	aldo@phys.ethz.ch	HD-MZ-ETH	2 w	piM1	2 w
Caminada, L.	lea.caminada@psi.ch	Uni Zurich	1 2	piM1	1 w

BVRA-2023 list of New μ SR experiments

- 20222352 Revealing the gap symmetry of the possible topological superconductor V₂Ga₅ via μ SR
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Accepted
3 days Dolly
- 20222463 Skyrmion bubbles in RE_{Mn}Ge₂ (RE=Nd and Pr)
Lancaster, Tom
Univ. of Durham
Accepted
2 days GPS
- 20222466 Static magnetic properties of V_{1/3}NbS₂
Lancaster, Tom
Univ. of Durham
Accepted
2 days GPS
- 20222539 Ground state and dynamic properties of the breathing-kagome lattice antiferromagnets Pr₃BWO₉ and Nd₃BWO₉
Blasco, Flavian
ETH Zuerich
Accepted
2 days FLAME
- 20222789 Metal contact induced contamination of magnetic environment for spin qubits in SiC
Bathen, Marianne
ETH Zuerich
Accepted
2 days LEM
- 20222806 Magnetic quantum critical point in the high-pressure structure of CeSb₂
de Podesta, Christian
Univ. of Cambridge
Accepted
3 days GPD
- 20222814 Testing the vortex lattice in the topological superconductors LaNiGa₂
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Accepted
4 days Dolly
- 20222817 Search for the origin of topological Hall effect in MnxTaS₂ chiral crystals
Shang, Tian
East China Normal University (ECNU)
Accepted
2 days GPS

BVRA-2023 list of New μ SR experiments

- 20222823 Magnetic excitons in a new material with extremely large negative magnetoresistance and topological Hall effect
Graf, Michael
Boston College
Accepted
1 days GPS
- 20222832 Nature of the vortex lattice in the 2M-WS₂ topological superconductor
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Accepted
2 days LEM
- 20222834 Study of the anomalous cascade of transitions in 5d₁ double perovskite Sr₂ZnReO₆ with strong spin-orbit coupling
Sanna, Samuele
Univ. degli Studi di Bologna
Accepted
2 days GPS
- 20222836 Magnetic fluctuations in surface oxides as a source of noise and decoherence in quantum devices.
Krasnikova, Yulia
Fermilab
Accepted
4 days LEM
- 20222838 Evolution of magnetic and superconductivity in CeRhIn₅: MuSR study
Shu, Lei
Fudan Univ.
Accepted
4 days GPD
- 20222847 Kitaev Magnetism in Honeycomb and Hyper-honeycomb Compounds under High Pressure
Sugiyama, Jun
CROSS
Accepted
4 days GPS
- 20222848 From Spin Glass to Possible Quantum Spin Liquid in Kagome Titanium Fluorides
Barthélemy, Quentin
University of Sherbrooke
Accepted
3 days FLAME
- 20222851 Magnetic order in the natural mineral veszelyite
(Cu,Zn)₂ZnPO₄(OH)₃·2H₂O
Nikitin, Stanislav
Paul Scherrer Institut
Accepted
1 days GPS

BVRA-2023 list of New μ SR experiments

- 20222860 μ SR investigation of the pressure-driven quantum criticality in a frustrated metallic system Ce₇Ni₃
Majumder, Mayukh
Shiv Nadar Univ.
Accepted
4 days GPD
- 20222861 Elucidate the nature of charge density wave in an electron-doped kagome metal
Zhao, Jun
Fudan Univ.
Accepted
2 days HAL-9500
- 20222864 Novel ground state in the rare-earth based kagome antiferromagnet Sm₃BWO₉ using muon spin rotation and relaxation
Adroja, Devashibhai
Rutherford Appleton Lab.
Accepted
3 days FLAME
- 20222866 Spatially Modulated FFLO State in an Organic Superconductor
Pratt, Francis
Rutherford Appleton Lab.
Accepted
4 days HAL-9500
- 20222883 Advanced muon spin spectroscopy with high lateral resolution using Si pixel detectors
Rudzki, Thomas
Univ. Heidelberg
Accepted
10 days HAL-9500
- 20222890 μ SR study of the S = 1/2 spatially anisotropic triangular lattice Cu₂(OH)₃NO₃
Islam, Shams
Sungkyunkwan University
Accepted
2 days GPS
- 20222892 Microscopic properties of honeycomb-lattice superconductor BaAlGe
Walicka, Dorota
Univ. Zuerich
Accepted
2 days Dolly
- 20222899 Magnetic ground state of the quasi-one-dimensional S= 1/2 chain compound AgCuVO₄
Pregelj, Matej
Jozef Stefan Inst.
Accepted
3 days Dolly

BVRA-2023 list of New μ SR experiments

- 20222905 Tailoring the near-surface properties of niobium to improve its application in superconducting accelerators and for quantum computing
Ghanbari, Rezvan
Deutsches Elektronen-Synchrotron Hamburg
Accepted
4 days LEM
- 20222918 μ SR investigation of the superconducting state of 2H-NbS₂
Alshemi, Ahmed
Univ. Lund
Accepted
4 days Dolly
- 20222921 Surface magnetism as a possible source for dissipation in qubits based on tantalum superconducting circuits
Reisinger, Thomas
Karlsruher Institut für Technologie (KIT)
Accepted
3 days LEM
- 20222925 Possible coexistence of superconductivity and magnetism in the Co intercalated NbSe₂
Naamneh, Muntaser
Ben-Gurion Univ. of the Negev
Accepted
4 days Dolly
- 20222935 Vortex lattice in LiFeAs single crystals
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Accepted
4 days Dolly
- 20222937 Investigation of the superconducting ground state of organic intercalated 2H-TaS₂
Kunhiparambath, Sajilesh
The Israel Inst. of Technology – Technion
Accepted
2 days Dolly
- 20222940 Anomalous Field-induced phase transition in the pyrochlore magnet clinoatacamite Cu₂(OH)₃Cl
Yamauchi, Ichihiro
Saga Univ.
Accepted
2 days GPS
- 20222947 Systematic study on the effect of different growth conditions on CsFAPbI₃ perovskite solar cells
Ni, Xiaojie
Paul Scherrer Institut
Accepted
4 days LEM

BVRA-2023 list of New μ SR experiments

- 20222948 Investigating the Superconducting state in pressurised CuTiSe_2 .
Elson, Frank
Royal Inst. of Technology (KTH)
Accepted
4 days GPD
- 20222955 Orbital Selective Superconductivity in $\text{Ba}(\text{Fe,Ni})_2\text{As}_2$
Tam, David
Paul Scherrer Institut
Accepted
3 days GPS
- 20222956 Spin Liquid Ground State in Kitaev Candidate SmI_3
Tam, David
Paul Scherrer Institut
Accepted
3 days FLAME
- 20222957 Influence of strain on the magnetic ordering of CoCr_2O_4 multiferroic thin films
Steinke, Nina-Juliane
Inst. Laue-Langevin
Accepted
4 days LEM
- 20222963 Is 1T-TaS_2 the only quantum spin liquid among 2D transition metal dichalcogenides?
Arcon, Denis
Jozef Stefan Inst.
Accepted
1 days GPS
- 20222966 Modifying Weyl Fermion driven magnetism in NdAlSi by hydrostatic and uniaxial pressure
Klauss, Hans-Henning
Technische Univ. Dresden
Accepted
5 days GPD
- 20222967 Topological spiral magnetism in the Weyl semimetal SmAlSi
Blundell, Stephen
Univ. of Oxford
Accepted
1 days GPS
- 20222970 Temperature evolution of the magnetism of $\text{Ca}_2\text{Fe}_2.6\text{S}_2\text{O}_3$
Blundell, Stephen
Univ. of Oxford
Accepted
1 days GPS

BVRA-2023 list of New μ SR experiments

- 20222973 Investigating the ground state of the 1D heavy-fermion compounds YbFe₅P₃ and Yb₂Fe₁₂P₇ via μ SR
Adroja, Devashibhai
Rutherford Appleton Lab.
Accepted
2 days Dolly
- 20222981 Tuning Quantum Magnetism in NiGa₂S₄ by Uniaxial Pressure
Ghosh, Shreenanda
Johns Hopkins Univ.
Accepted
5 days Dolly
- 20222987 Spin-Fluctuation Origins of the Correlated Insulator FeSb₂
Popiel, Nicholas
Univ. of Cambridge
Accepted
1 days GPS
- 20222989 Topological spiral magnetism in the Weyl semimetal SmAlSi
Blundell, Stephen
Univ. of Oxford
Accepted
3 days HAL-9500
- 20222990 μ SR investigation of magnetic ground state in Ni_{1-x}Mox alloys
Dara, Hanuma
Inst. of Physics Bhubaneswar
Accepted
4 days Dolly
- 20222994 Superconducting proximity through a ferromagnet
Krieger, Jonas
Max-Planck-Inst. Halle
Accepted
5 days LEM
- 20223001 Knight shift measurements on quantum spin liquids under pressure
Hotz, Fabian
Univ. Zuerich
Accepted
6 days GPD
- 20223002 The distorted kagome lattice a new playground for quantum magnetism
Puphal, Pascal
Max Planck Inst. for Solid State Research
Accepted
3 days FLAME

BVRA-2023 list of New μ SR experiments

- 20223003 Magnetic field and temperature dependent μ SR study of Weyl semimetal candidate Ta₂Se₈I
Guguchia, Zurab
Paul Scherrer Institut
Accepted
4 days HAL-9500
- 20223005 Magnetic ground states in frustrated magnetic topological metals RV₆Sn₆ (resubmission)
Su, Yixi
Forschungszentrum Juelich
Accepted
2 days FLAME
- 20223007 Magnetic ground states in frustrated magnetic topological metals RV₆Sn₆ (resubmission)
Su, Yixi
Forschungszentrum Juelich
Accepted
3 days GPS
- 20223008 Probing the superconducting pairing in Cs(V_{1-x}Tax)₃Sb₅ and Cs(V_{1-x}Nbx)₃Sb₅
Guguchia, Zurab
Paul Scherrer Institut
Accepted
7 days HAL-9500
- 20223009 Investigation of hybrid interfaces between molecular and inorganic quantum materials
Salman, Zaher
Paul Scherrer Institut
Accepted
4 days LEM
- 20223010 Magnetic field and temperature dependent μ SR study of Weyl semimetal candidate Ta₂Se₈I
Guguchia, Zurab
Paul Scherrer Institut
Accepted
1 days GPS
- 20223011 Probing the superconducting pairing in Cs(V_{1-x}Tax)₃Sb₅ and Cs(V_{1-x}Nbx)₃Sb₅
Guguchia, Zurab
Paul Scherrer Institut
Accepted
4 days Dolly
- 20223012 Probing the superconducting pairing in Cs(V_{1-x}Tax)₃Sb₅ and Cs(V_{1-x}Nbx)₃Sb₅
Guguchia, Zurab
Paul Scherrer Institut
Accepted
8 days GPD

BVRA-2023 list of New μ SR experiments

- 20223013 Probing the superconducting pairing in Cs(V_{1-x}Tax)₃Sb₅ and Cs(V_{1-x}Nbx)₃Sb₅
Guguchia, Zurab
Paul Scherrer Institut
Accepted
2 days GPS
- 20223016 Magnetic Dynamics and Topological Quantum Phase Transition of Kondo-Weyl Fermions in Ce₃Bi₄Pd₃
Klauss, Hans-Henning
Technische Univ. Dresden
Accepted
7 days HAL-9500
- 20223018 Modifying Weyl Fermion driven magnetism in NdAlSi by hydrostatic and uniaxial pressure
Klauss, Hans-Henning
Technische Univ. Dresden
Accepted
5 days Dolly
- 20223026 Magnetism in orthorhombic rare earth fluorides
Blundell, Stephen
Univ. of Oxford
Accepted
2 days GPS
- 20223029 Magnetic Dynamics and Topological Quantum Phase Transition of Kondo-Weyl Fermions in Ce₃Bi₄Pd₃
Klauss, Hans-Henning
Technische Univ. Dresden
Accepted
3 days FLAME
- 20221267 Investigation of GaFeO₃ magnetic order via LF- and ZF- μ SR
Szymanski, Krzysztof
Univ. of Bialystok
Refused
0 days GPS
- 20222382 Pressure effect on the magnetic penetration depth of elemental Lanthanum
Khasanov, Rustem
Paul Scherrer Institut
Refused
0 days GPD
- 20222799 μ SR study of the newly discovered noncentrosymmetric nodal chain semimetal Ba₅In₄Bi₅
Shang, Tian
East China Normal University (ECNU)
Refused
0 days FLAME

BVRA-2023 list of New μ SR experiments

- 20222800 5d magnetism in the double perovskite $\text{Pb}_2\text{MgReO}_6$
Lancaster, Tom
Univ. of Durham
Refused
0 days GPS
- 20222803 Investigation of Quantum Spin Liquid Behaviour in New Chiral Intermetallic, $\text{Co}_3\text{Ni}_3\text{Ga}_8$
Peter, Sebastian
Jawaharlal Nehru Centre for Advanced Scientific Research
Refused
0 days Dolly
- 20222813 State manipulation of superposed states measured using muon spectroscopy
Giblin, Sean
Univ. of Cardiff
Refused
0 days GPS
- 20222815 Investigating the superconductivity of the PbTaS_2 topological nodal-line semimetal via μ SR
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Refused
0 days Dolly
- 20222816 New insights on $\text{Fe}_2\text{Ga}_2\text{S}_5$ magnetism from μ SR investigations
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Refused
0 days GPS
- 20222818 Search for unconventional superconductivity near the charge-density-wave quantum critical point in ZrTe_3 - $x\text{Sex}$ tellurides
Shang, Tian
East China Normal University (ECNU)
Refused
0 days Dolly
- 20222822 Magnetic dilution in the spin-liquid material NaYbO_2
Graf, Michael
Boston College
Refused
0 days FLAME
- 20222825 μ SR studies of $S = 1/2$ stacked Ising kagome antiferromagnet $\text{Na}_5\text{Co}_{15.5}\text{Te}_6\text{O}_{36}$
Adroja, Devashibhai
Rutherford Appleton Lab.
Refused
0 days GPS

BVRA-2023 list of New μ SR experiments

- 20222826 Magnetism of low dimensional quasi-1D spin-one chain $\text{PbCd}_2\text{Ni}_6\text{Te}_3\text{O}_{18}$ using muon spin rotation and relaxation
Sivaperumal, Uthayakumar
Royal Holloway University of London
Refused
0 days GPS
- 20222833 Investigating the superconductivity of the PbTaS_2 topological nodal-line semimetal via μ SR
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Refused
0 days FLAME
- 20222839 Spin-liquid state in a new $\text{Jeff}=1/2$ triangular-lattice antiferromagnet $\text{Ba}_6\text{IrNb}_2\text{O}_{12}\text{Cl}_2$
Lee, Suheon
Institute for Basic Science (IBS)
Refused
0 days Dolly
- 20222840 Ground state and quantum criticality of disorder-free $\text{Na}_2\text{BaCo}(\text{PO}_4)_2$: μ SR study
Shu, Lei
Fudan Univ.
Refused
0 days FLAME
- 20222842 Investigation of superconducting gap structure of $\text{Zr}_2\text{Ru}_3\text{Si}_4$ by muon spin spectroscopy
Bhattacharyya, Amitava
Ramakrishna Mission Vivekananda Educational and Research Institute
Refused
0 days Dolly
- 20222849 Exploring the nature of spin dynamics of $\text{Ca}_3\text{MnRu}_2\text{O}_9$ by muon spin relaxation study
Bhattacharyya, Amitava
Ramakrishna Mission Vivekananda Educational and Research Institute
Refused
0 days GPS
- 20222856 Exploring the unconventional sawtooth magnetism in $\text{NaCo}_2(\text{SeO}_3)_2(\text{OH})$
Wilkinson, John
Rutherford Appleton Lab.
Refused
0 days GPS
- 20222858 Microscopic Investigation of the ground state of a quantum spin liquid candidate $\text{Sr}_3\text{CuNb}_2\text{O}_9$
Majumder, Mayukh
Shiv Nadar Univ.
Refused
0 days FLAME

BVRA-2023 list of New μ SR experiments

- 20222859 Superconducting ground state of a newly discovered iron-based superconductor
Wo, Hongliang
Fudan Univ.
Refused
0 days HAL-9500
- 20222867 Investigation of the high-pressure tuning of magnetism in kagome metal HoMn_6Sn_6
by μ SR
Pal, Pikesh
Forschungszentrum Juelich
Refused
0 days GPD
- 20222868 Magnetic impurities in quantum disordered NaRuO_2
Graf, Michael
Boston College
Refused
0 days GPS
- 20222870 Spin excitations in the QSL regime of the triangular lattice TbBO_3 antiferromagnet
(continuation of proposal no. 20211412)
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Refused
0 days FLAME
- 20222871 Magnetism in Rare Earth Iron Garnet Single Crystals
Prabhakaran, Dharmalingam
Univ. of Oxford
Refused
0 days GPS
- 20222872 Unraveling the magnetic ground state of $\text{Dy}_2\text{Zr}_2\text{O}_7$: A candidate for spin ice state
Devi, Sheetal
Forschungszentrum Juelich
Refused
0 days FLAME
- 20222875 μ SR Measurement of the Hidden Order State in $\text{PrFe}_4\text{P}_{12}$
Shu, Lei
Fudan Univ.
Refused
0 days GPS
- 20222876 μ SR Measurement of the Hidden Order State in $\text{PrFe}_4\text{P}_{12}$
Shu, Lei
Fudan Univ.
Refused
0 days Dolly

BVRA-2023 list of New μ SR experiments

- 20222878 Spin order and dynamics in Bi-doped Mn₂Sb ferrimagnetic alloys: A MuSR study
Yu, Bocheng
East China Normal University (ECNU)
Refused
0 days GPS
- 20222879 Multiple magnetic orders and magnetic anisotropy in the layered EuMn₂As₂ compound
Zhang, Hui
East China Normal University (ECNU)
Refused
0 days GPS
- 20222880 μ SR study on the spin-1/2 honeycomb Na₂Co₂TeO₆ single crystal under high magnetic field
Lin, Gaoting
Shanghai Jiao Tong Univ.
Refused
0 days HAL-9500
- 20222881 Probing time-reversal symmetry breaking in single crystals of LaNiGa₂
Smidman, Michael
Zhejiang Univ.
Refused
0 days Dolly
- 20222882 Modifying spin liquids by substitution
Sarkar, Rajib
Technische Univ. Dresden
Refused
0 days FLAME
- 20222885 Tuning the spin-liquid state of hyperkagome magnet PbCuTe₂O₆ by uniaxial pressure
Sarkar, Rajib
Technische Univ. Dresden
Refused
0 days Dolly
- 20222887 μ SR studies on the magnetic ground state of Na₂Co₂TeO₆ and Na₃Co₂SbO₆
Guo, Hanjie
Songshan Lake Materials Lab.
Refused
0 days GPS
- 20222891 Investigation of the high-pressure tuning of magnetism in kagome metal HoMn₆Sn₆ by MuSR
Pal, Pikesh
Forschungszentrum Juelich
Refused
0 days GPS

BVRA-2023 list of New μ SR experiments

- 20222896 Investigating possible quantum-spin-liquid state in Nb₃Cl₈ using Muon spin relaxation
Adroja, Devashibhai
Rutherford Appleton Lab.
Refused
0 days FLAME
- 20222898 Pressure effect on the magnetic penetration depth of elemental Lanthanum
Khasanov, Rustem
Paul Scherrer Institut
Refused
0 days GPS
- 20222900 Pressure-induced non-Fermi-liquid state in CeNiGa₂: A μ SR study in applied pressure
Tripathi, Rajesh
Jawaharlal Nehru Centre for Advanced Scientific Research
Refused
0 days GPD
- 20222901 Dynamic origin of sublattice ordering of Ho³⁺ ion in Ho₃Fe₅O₁₂ using muon-spin relaxation study
Ghanathe, Madhu
Techn. Univ. Muenchen
Refused
0 days HAL-9500
- 20222902 Muon spectroscopy studies of a quantum dipole liquid
Pratt, Francis
Rutherford Appleton Lab.
Refused
0 days GPS
- 20222907 Griffiths Phase inside the antiferromagnetic phase of Dy_{1-x}Er_xBaCo₄O₇ (x= 0.0, 0.25, 0.5, 0.75, 1.0)
Ray, Sugata
Indian Association for the Cultivation of Science
Refused
0 days HAL-9500
- 20222909 μ SR Study on Easy-Plane Antiferromagnet BaCo₂(PO₄)₂
Fu, Ying
Southern Univ. of Science and Tecnology
Refused
0 days Dolly
- 20222911 Griffiths Phase inside the antiferromagnetic phase of Dy_{1-x}Er_xBaCo₄O₇ (x= 0.0, 0.25, 0.5, 0.75, 1.0)
Ray, Sugata
Indian Association for the Cultivation of Science
Refused
0 days GPD

BVRA-2023 list of New μ SR experiments

- 20222912 Griffiths Phase inside the antiferromagnetic phase of Dy_{1-x}Er_xBaCo₄O₇ (x= 0.0, 0.25, 0.5, 0.75, 1.0)
Ray, Sugata
Indian Association for the Cultivation of Science
Refused
0 days GPS
- 20222913 Griffiths Phase inside the antiferromagnetic phase of Dy_{1-x}Er_xBaCo₄O₇ (x= 0.0, 0.25, 0.5, 0.75, 1.0)
Ray, Sugata
Indian Association for the Cultivation of Science
Refused
0 days Dolly
- 20222914 Griffiths Phase inside the antiferromagnetic phase of Dy_{1-x}Er_xBaCo₄O₇ (x= 0.0, 0.25, 0.5, 0.75, 1.0)
Ray, Sugata
Indian Association for the Cultivation of Science
Refused
0 days FLAME
- 20222922 Probing possible quantum spin liquid state in the floating phase of a frustrated spin-5/2 chain magnet
Huang, Qing
Louisiana State Univ.
Refused
0 days FLAME
- 20222924 Probe the magnetic ground state of a hyper-Kagome antiferromagnet Li₃Yb₃Te₂O₁₂
Jin, Wentao
Beihang University
Refused
0 days FLAME
- 20222928 Quantum fluctuations in a bcc S=1/2 J₁-J₂ Heisenberg antiferromagnet spin liquid candidate
Kermarrec, Edwin
Univ. Paris-Sud
Refused
0 days FLAME
- 20222931 Probing the nature of superconductivity in PdTe₂ grown using different methods
Witteveen, Catherine
Univ. Zuerich
Refused
0 days FLAME
- 20222934 Microscopic Investigation of the ground state of a quantum spin liquid candidate Sr₃CuNb₂O₉
Majumder, Mayukh
Shiv Nadar Univ.
Refused
0 days GPS

BVRA-2023 list of New μ SR experiments

- 20222938 Magnetic ground state of the honeycomb antiferromagnet $\text{BaCo}_2(\text{P}_{1-x}\text{V}_x)_2\text{O}_8$
Yamauchi, Ichihiro
Saga Univ.
Refused
0 days GPS
- 20222941 Study of novel magnetic phases and skyrmion dynamics in Gd_2PdSi_3 by μ SR
Thamizhavel, Arumugam
Tata Institute of Fundamental Research
Refused
0 days FLAME
- 20222944 μ SR investigation of the pressure-driven quantum criticality in a frustrated metallic system Ce_7Ni_3
Majumder, Mayukh
Shiv Nadar Univ.
Refused
0 days GPS
- 20222953 Pressure-induced ferromagnetism of spin-3/2 dimer system $\text{Ba}_3\text{ZnRu}_2\text{O}_9$
Yasui, Yukio
Meiji University
Refused
0 days GPD
- 20222954 Muon spectroscopy studies of a quantum dipole liquid
Pratt, Francis
Rutherford Appleton Lab.
Refused
0 days HAL-9500
- 20222958 The effect of Ti doping and Ru inclusions on muon spin relaxation rate in the superconducting state of Sr_2RuO_4
Grinenko, Vadim
Shanghai Jiao Tong Univ.
Refused
0 days Dolly
- 20222959 Experimental exploration of magnetic and superconducting properties of underdoped cuprates under uniaxial stress
Grinenko, Vadim
Shanghai Jiao Tong Univ.
Refused
0 days Dolly
- 20222962 Spin Liquid Ground State in Kitaev Candidate SmI_3
Tam, David
Paul Scherrer Institut
Refused
0 days HAL-9500

BVRA-2023 list of New μ SR experiments

- 20222964 Kitaev Magnetism in Honeycomb and Hyper-honeycomb Compounds under High Pressure
Mansson, Martin
CROSS
Refused
0 days FLAME
- 20222965 Kitaev Magnetism in Honeycomb and Hyper-honeycomb Compounds under High Pressure
Mansson, Martin
CROSS
Refused
0 days GPD
- 20222968 α -Ru13: A new quantum spin liquid on a honeycomb lattice?
Blundell, Stephen
Univ. of Oxford
Refused
0 days FLAME
- 20222969 Topochemically Reduced Iridium-containing Phases
Blundell, Stephen
Univ. of Oxford
Refused
0 days GPS
- 20222971 The triangular lattice quantum spin liquid candidate KYbSe₂
Blundell, Stephen
Univ. of Oxford
Refused
0 days FLAME
- 20222972 Intertwined magnetic sub lattices in a Weyl semi-metal
Forslund, Ola
Chalmers Univ. of Technology
Refused
0 days GPS
- 20222974 A superconducting spin glass?
Forslund, Ola
Chalmers Univ. of Technology
Refused
0 days FLAME
- 20222975 Co substitution study of the topological van der Waals magnet Fe₃GeTe₂
Forslund, Ola
Chalmers Univ. of Technology
Refused
0 days GPS

BVRA-2023 list of New μ SR experiments

- 20222976 A study of Magnetic ground state in Sr₃CoPtO₆ by muon spin relaxation (μ SR) study.
Sivaperumal, Uthayakumar
Royal Holloway University of London
Refused
0 days Dolly
- 20222979 A study of Magnetic ground state in Sr₃CoPtO₆ by muon spin relaxation (μ SR) study.
Sivaperumal, Uthayakumar
Royal Holloway University of London
Refused
0 days FLAME
- 20222980 Quantum fluctuations in a bcc S=1/2 J₁-J₂ Heisenberg antiferromagnet spin liquid candidate
Kermarrec, Edwin
Univ. Paris-Sud
Refused
0 days GPS
- 20222982 2D magnetism and induced magnetochirality in ferromagnet-superconductor van der Waals heterostructures
Margineda, Daniel
Scuola Normale Superiore
Refused
0 days LEM
- 20222983 Hidden ordering and spin-glass transitions in Gd₂Hf₂O₇ with bond disorder
Xu, Jianhui
RWTH Aachen
Refused
0 days HAL-9500
- 20222985 Investigation into new Kitaev quantum spin liquid candidate SmI₃
Ge, Yuqing
Chalmers Univ. of Technology
Refused
0 days FLAME
- 20222986 Investigation into new Kitaev quantum spin liquid candidate SmI₃
Ge, Yuqing
Chalmers Univ. of Technology
Refused
0 days GPD
- 20222988 High-Magnetic Field μ SR Study of FeSb₂ and SmB₆
Popiel, Nicholas
Univ. of Cambridge
Refused
0 days HAL-9500

BVRA-2023 list of New μ SR experiments

- 20222999 Investigation of superconducting pairing in the infinite-layer $\text{La}_{0.8}\text{Sr}_{0.2}\text{NiO}_2$ nickelate film (resubmission of proposal no. 20221233)
Shiroka, Toni
ETH Zuerich & Paul Scherrer Institut
Refused
0 days LEM
- 20223014 Exploring the exotic magnetism in Rhenium-based double perovskites using muon spin rotation
Sivaperumal, Uthayakumar
Royal Holloway University of London
Refused
0 days GPS
- 20223019 Investigation of possible spin liquid behavior in quasi-2D nickelates $\text{Nd}_4\text{Ni}_3\text{O}_8$
Huangfu, Shangxiong
Eidg. Materialpruefungs- und Forschungsanstalt Duebendorf EMPA
Refused
0 days HAL-9500
- 20223020 Investigation of possible spin liquid behavior and disorder magnetization in high-entropy oxides
Knorpp, Amy
Eidg. Materialpruefungs- und Forschungsanstalt Duebendorf EMPA
Refused
0 days Dolly
- 20223021 Investigation of magnetic interactions in high-entropy transition metals spinel
Huangfu, Shangxiong
Eidg. Materialpruefungs- und Forschungsanstalt Duebendorf EMPA
Refused
0 days GPS
- 20223022 Magnetism in Ulvospinel Fe_2TiO_4 and Fe_2TiO_5 single crystals
Prabhakaran, Dharmalingam
Univ. of Oxford
Refused
0 days GPS
- 20223024 Magnetism in Ulvospinel Fe_2TiO_4 and Fe_2TiO_5 single crystals
Prabhakaran, Dharmalingam
Univ. of Oxford
Refused
0 days HAL-9500

BVRA-2023 list of Continued μ SR experiments

- 20222354 Understanding modifications to the London penetration depth with interstitial oxygen content in Nb
Junginger, Tobias
Univ. of Victoria
Accepted
4 days LEM
Continuation of 20192066
- 20222824 Pressure tunable magnetism in the van der Waals magnet CrSBr
Lopez-Paz, Sara
Univ. Geneva
Accepted
4 days GPD
Continuation of 20221316
- 20222829 Elucidation of dynamics and curing state of epoxy adhesives at solid interfaces
Aoki, Hiroyuki
Japan Atomic Energy Agency
Accepted
4 days LEM
Continuation of 20213146
- 20222830 High-pressure effects on a layered scandium borocarbide superconductor
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Accepted
7 days GPD
Continuation of 20211372
- 20222831 High-pressure effects on a layered scandium borocarbide superconductor
Lamura, Gianrico
Consiglio Nazionale delle Ricerche/CNR-SPIN
Accepted
1 days Dolly
Continuation of 20211372
- 20222837 Field-induced spin-liquid-like state in the $S=1/2$ honeycomb antiferromagnet $\text{Na}_2\text{Co}_2\text{TeO}_6$
Lee, Suheon
Institute for Basic Science (IBS)
Accepted
3 days HAL_9500
Continuation of 20221299

BVRA-2023 list of Continued μ SR experiments

- 20222874 Exploring the electron-doping effect on the superconducting state of 2D Kagome CsV₃Sb₅
Sanna, Samuele
Univ. degli Studi di Bologna
Accepted
4 days FLAME
Continuation of 20213106
- 20222889 Emergent magnetism in an ultrahigh conductivity layered oxide
Gardner, Jason
Oak Ridge National Lab.
Accepted
4 days LEM
Continuation of 20213049
- 20222897 Antiferromagnetic order in quadrupolar ordered CeRh₂As₂?
Khim, Seunghyun
Max-Planck-Inst. für Chemische Physik fester Stoffe
Accepted
4 days FLAME
Continuation of 20202444
- 20222903 Electro-optical response of 4H-SiC p-MOS capacitors
Martins, Maria
ETH Zürich
Accepted
6 days LEM
Continuation of 20213113
- 20222908 Spin Fluctuations and Magnetic Reorientation in SrCrO₃ Thin Films
Jöhr, Simon
Univ. Zuerich
Accepted
1 days LEM
Continuation of 20212960
- 20222917 MuMASS experiment
Crivelli, Paolo
ETH Zuerich
Accepted
5 days LEM
Continuation of 20201247
- 20222920 From magnetic order to a classical spin liquid in the Y-Kapellasite anisotropic kagome antiferromagnet
Bert, Fabrice
Univ. Paris-Sud
Accepted
4 days GPD
Continuation of 20200172

BVRA-2023 list of Continued μ SR experiments

- 20222926 Spin dynamics in the exchange bias films $\text{La}_{1-x}\text{Sr}_x(\text{Cr}_{0.2}\text{Mn}_{0.2}\text{Fe}_{0.2}\text{Co}_{0.2}\text{Ni}_{0.2})\text{O}_3$ with $x = 0.1, 0.3, 0.5,$ and 1
Gardner, Jason
Oak Ridge National Lab.
Accepted
4 days LEM
Continuation of 20213134
- 20222929 Investigation of orbital loop current magnetism in $\text{Sr}_3\text{Ru}_2\text{O}_7$
Di Bernardo, Angelo
Univ. Konstanz
Accepted
3 days HAL_9500
Continuation of 20192178
- 20222930 Investigation of orbital loop current magnetism in $\text{Sr}_3\text{Ru}_2\text{O}_7$
Di Bernardo, Angelo
Univ. Konstanz
Accepted
1 days GPS
Continuation of 20192178
- 20222945 Muon Knight shift in single crystals of the Ising triangular antiferromagnet $\text{NdTa}_7\text{O}_{19}$
Zorko, Andrej
Jozef Stefan Inst.
Accepted
5 day FLAME
Continuation of 20213003
- 20222946 Possible spin-liquid state in the rare-earth based kagome antiferromagnets Nd_3BWO_9
Zorko, Andrej
Jozef Stefan Inst.
Accepted
2 days FLAME
Continuation of 20213160
- 20222949 Delayed muonium formation in Al_2O_3 investigated with microwave spectroscopy
Vilao, Rui
Univ. of Coimbra
Accepted
4 days GPS
Continuation of 20202503
- 20222950 Archimedean screw in chiral magnets uncovered by microwave-driven μ SR
Doll, Andrin
Paul Scherrer Institut
Accepted
3 days GPS
Continuation of 20211348

BVRA-2023 list of Continued μ SR experiments

- 20222952 Double electron-muon resonance in 2H-MoTe₂
Krieger, Jonas
Max-Planck-Inst. Halle
Accepted
2 days GPS
Continuation of 20202538
- 20222961 Probing the magnetic ground states of (Eu_{1-x}La_x)₂Ir₂O₇ (x = 0, 0.5) under pressure near the all-in all-out quantum critical point
Chen, Quiang
McMaster Univ.
Accepted
3 days GPD
Continuation of 20213109
- 20222978 Hyperfine-modulated spin canting transition and re-entrance due to nuclear spin-enhanced quantum fluctuations (RESUBMISSION)
Sibille, Romain
Paul Scherrer Institut
Accepted
5 days HAL-9500
Continuation of 20213076
- 20222984 Uniaxial stress tuning of time-reversal symmetry breaking states in kagome superconductors
Guguchia, Zurab
Paul Scherrer Institut
Accepted
6 days Dolly
Continuation of 20213156
- 20222993 MIXE (Muon-Induced X-ray Emission)
Amato, Alex
Paul Scherrer Institut
Accepted
18 days Dolly
Continuation of 20213067
- 20222995 Muon states and kinetics in the Haloalkanes – a Developing Puzzle
Berlie, Adam
Rutherford Appleton Lab.
Accepted
4 days GPD
Continuation of 20192019

BVRA-2023 list of Continued μ SR experiments

- 20222996 Proximity effects in epitaxial topological insulator/superconductor heterostructures
Salman, Zaher
Paul Scherrer Institut
Accepted
4 days LEM
Continuation of 20161940
- 20223006 Investigation of Surface Properties of a Quantum Spin Liquid
Hotz, Fabian
Univ. Zuerich
Accepted
3 days LEM
Continuation of 20221310
- 20223017 Uniaxial stress tuning of the topological Chern magnetic state in TbMn6Sn6
Guguchia, Zurab
Paul Scherrer Institut
Accepted
4 days Dolly
Continuation of 20213148
- 20223025 Doping-Induced Nodal Superconducting Gap Topology in a Kagome Superconductor
Mielke, Charles
Paul Scherrer Institut
Accepted
9 days HAL-9500
Continuation of 20221304
- 20223027 Doping-Induced Nodal Superconducting Gap Topology in a Kagome Superconductor
Mielke, Charles
Paul Scherrer Institut
Accepted
3 days FLAME
Continuation of 20221304
- 20223028 Doping-Induced Nodal Superconducting Gap Topology in a Kagome Superconductor
Mielke, Charles
Paul Scherrer Institut
Accepted
2 days GPS
Continuation of 20221304

BVRA-2023 list of Continued μ SR experiments

- 20222441 Tuning the magnetic ground state of the Weyl semimetals $\text{CeAlGe}(y)\text{Si}(1-y)$
Huddart, Benjamin
Oxford Univ.
Refused
0 days GPS
Continuation of 20221255
- 20222820 Magnetic ground states and excitations in two-dimensional molecule-based magnets containing $S=2$ spins
Lancaster, Tom
Univ. of Durham
Refused
0 days Dolly
Continuation of 20213008
- 20222821 $\text{H}_5.9\text{Li}_0.1\text{Ru}_2\text{O}_6$: a novel Kitaev Spin Liquid containing Ru^{3+} ($4d^5$, $J_{\text{eff}} = 1/2$)
Mahajan, Avinash
Indian Inst. of Technology Bombay – IIT
Refused
0 days FLAME
Continuation of 20221240
- 20222863 Exploration of novel quantum magnetic states of a rare strongly correlated material driven by a pure electronic correlation
Lee, Suheon
Institute for Basic Science (IBS)
Refused
0 days GPS
Continuation of 20213063
- 20222893 Analysis of bronze archaeological materials by MIXE and further technical development of MIXE
Ninomiya, Kazuhiko
Osaka Univ.
Refused
0 days Dolly
Continuation of 20202663
- 20222895 High-pressure μ -SR of the natural mineral azurite
Zvyagin, Sergei
Helmholtz-Zentrum Dresden-Rossendorf (HZDR)
Refused
0 days GPD
Continuation of 20192014
- 20222919 Investigation of orbital loop current magnetism in $\text{Sr}_3\text{Ru}_2\text{O}_7$
Di Bernardo, Angelo
Univ. Konstanz
Refused
0 days LEM
Continuation of 20192178

BVRA-2023 list of Continued μ SR experiments

- 20222923 Revealing the magnetic structures of the hydrogenated VO₂ with multiple Mottronic states via weak transverse field muon spin rotation (μ SR) experiments
 Bao, Yu
 Chinese Academy of Sciences
 Refused
 0 days LEM
 Continuation of 20190158
- 20222932 Possible cooperative paramagnetic state on a disordered 3-dimensional S=3/2 spin system of LaCr_{0.3}Al_{0.7}O₃: a μ SR study
 Das Sarma, Dipankar
 Indian Inst. of Science
 Refused
 0 days Dolly
 Continuation of 20213114
- 20222933 Determining the dimensionality of magnetic order in quasi-two-dimensional S = 1/2 kagome metal-organic frameworks, Cu₃(CO₃)₂(γ)₆.2ClO₄
 Ivko, Sam
 Univ. of Birmingham
 Refused
 0 days GPS
 Continuation of 20202580
- 20222951 Tracing the spin ordering transitions during the hydrogen related Mottronic process within electron correlated perovskite nickelates
 Bao, Yu
 Chinese Academy of Sciences
 Refused
 0 days GPS
 Continuation of 20190158
- 20222997 Understanding the effect of solvent dielectric constant on the rate of muonium addition to aniline
 Berlie, Adam
 Rutherford Appleton Lab.
 Refused
 0 days GPD
 Continuation of 20192019
- 20222998 MuSR assessment of the effect of exchange interaction on the spin dynamics of Tb-based molecular nanomagnets
 Lascialfari, Alessandro
 Univ. degli Studi di Pavia
 Refused
 0 days GPS
 Continuation of 20213136

BVRA-2023 list of Continued μ SR experiments

- 20223004 MuSR assessment of the effect of exchange interaction on the spin dynamics of Tb-based molecular nanomagnets
Lascialfari, Alessandro
Univ. degli Studi di Pavia
Refused
0 days FLAME
Continuation of 20213136
- 20223015 Exploring the effect of Ruthenium (Ru) substitution on the low-field magnetic anomaly in Nd₂FeCrO₆
Ray, Soumya
Indian Institute of Technology Patna
Refused
0 days GPS
Continuation of 20221292
- 20223023 Uniaxial stress tuning of the topological Chern magnetic state in TbMn₆Sn₆
Guguchia, Zurab
Paul Scherrer Institut
Refused
0 days GPS
Continuation of 20213148