

Scientific Program

Day 1

Tuesday Morning, September 8, 2026

Time	Speaker & Talk Title	Chair
09:00-09:30	Opening Ceremony	
09:30-10:00	Mladen Horvatic (LNCMI, CNRS) Revisiting magnetization plateaus in SrCu ₂ (BO ₃) ₂ by high-field NMR	Rui Zhou (Institute of Physics, CAS)
10:00-10:30	Weiqiang Yu (Renmin University of China) NMR Probe for Spinon Excitations in Quantum Magnets	
Break (30 minutes)		
11:00-11:30	Kentaro Kitagawa (ISSP, Univ. of Tokyo) Wide-Field Optically Detected Magnetic Resonance under Pressure for Imaging Superconductivity	Weiqiang Yu (Renmin University of China)
11:30-12:00	Gang-qin Liu (Institute of Physics, CAS, China) High-Pressure NMR and Quantum Sensing Enabled by Diamond Nitrogen-Vacancy Centers	
12:00-12:30	Thomas Meier (Institute for Shanghai Advanced Research in Physical Sciences, China) TBD	
12:10-14:00	Lunch	

Tuesday Afternoon, September 8, 2026

Time	Speaker & Talk Title	Chair
14:00-14:30	Yoshihiko Ihara (Department of Physics, Faculty of Science, Hokkaido University) Magnetic excitations above 1/3 magnetization plateau in kagome antiferromagnet	Mladen Horvatic (LNCMI, CNRS)
14:30-15:00	Avinash Mahajan (IIT Bombay, India) Novel Quantum Spin Liquid states in the $S = 1/2$ three-dimensional compound $\text{Y}_3\text{Cu}_2\text{Sb}_3\text{O}_{14}$	
15:00-15:30	Mihael Grbic (University of Zagreb) BKT correlations in the quantum kagome compound $\text{Cs}_2\text{Cu}_3\text{SnF}_{12}$	

Break (30 minutes)		
16:00-16:30	Fabrice Bert (Univ of Paris-Saclay, France) Highly frustrated magnetism in Y-kapellasite under extreme conditions	Yoshihiko Ihara (Hokkaido University)
16:30-17:00	Matej Pregelj (Jožef Stefan Institute) Muon Site Dynamics Imitating Fractional Spin Excitations in a Quantum Spin Chain	
17:00-17:30	Long Ma (High Magnetic Field Laboratory, CAS) Design of a DDS-based high-field NMR spectrometer and its applications in quantum magnetic material research	
17:30-17:50	Rajesh Jana (Center for High Pressure Science and Technology Advanced Research (HPSTAR)) Structural Instabilities in Mn ₄ Nb ₂ O ₉ and Co ₄ b ₂ O ₉ : Comparative Insights into the Role of Local Structure	
17:50-19:30	Dinner	

Day 2

Wednesday Morning, September 9, 2026

Time	Speaker & Talk Title	Chair
09:00-09:30	Andrej Zorko (Jožef Stefan Institute, Slovenia) Intrinsic versus defect magnetism in a kagome quantum spin liquid	Hans-Joachim Grafe (IFW-dresden, Germany)
09:30-10:00	Lei Shu (Fudan University) Persistent spin dynamics: What is going on?	
10:00-10:30	Kirill Povarov (Helmholtz-Zentrum Dresden-Rossendorf) Magnetic properties and spin dynamics in Cu ₂ (OH) ₃ Br	
Break (30 minutes)		
11:00-11:30	Georgios Papavassiliou (National Center for Scientific Research “Demokritos”) Disorder as a tuning parameter in Kitaev Quantum Materials	Lei Shu (Fudan University)
11:30-12:00	Hans-Joachim Grafe (IFW-dresden, Germany) From Antiferroelectricity to Low-Dimensional Magnetism: NMR Studies of CuCrP ₂ S ₆ and AgCrP ₂ S ₆	
12:00-12:30	Seung-Ho Baek (Changwon National University) Microscopic evidence for a Zhang-Rice triplet state in the van der Waals antiferromagnet, NiPS ₃	

12:30-14:00	Lunch
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Wednesday Afternoon, September 9, 2026

Wednesday Afternoon, September 3, 2020		
Time	Speaker & Talk Title	Chair
14:00-14:30	Gediminas Simutis (Paul Scherrer Institute) Uniaxial tuning of La-based cuprates	Andrej Zorko (Jožef Stefan Institute, Slovenia)
14:30-15:00	Damjan Pelc (University of Zagreb) Strongly underdoped cuprates: new insights from NMR	
15:00-15:30	Hidekazu Mukuda (Osaka University) Spin configuration in spin-density-wave order phase in La ₃ Ni ₂ O ₇ revealed by ¹³⁹ La-NMR/NQR probes	
15:30-16:00	Martin Klanjsek (IJS, Slovenia) TBD	
16:00-18:00	Posters	
18:00-19:30	Banquet	

Day 3**Thursday Morning, September 10, 2026**

Time	Speaker & Talk Title	Chair
09:00-09:30	Tao Wu (USTC, China) Probing Magnetism and Local Exchange Interactions in Infinite-Layer Nickelates via ^{139}La and ^{17}O NMR	Kenji Ishida (Kyoto University)
09:30-10:00	Yongkang Luo (Huazhong University of Science and Technology) Disentangling the critical fluctuations in heavy-fermion quantum criticality	
10:00-10:30	Jun Luo (Institute of Physics, CAS) NQR studies of microscopic structure, density waves in bilayer and trilayer nickelates	
Break (30 minutes)		
11:00-11:30	Kenji Ishida (Kyoto University) Spin degrees of freedom in spin-triplet superconductor UTe_2	Tao Wu (USTC, China)
11:30-12:00	Shunsaku Kitagawa (Kyoto University) Superconducting parity transition due to sublattice degrees of freedom in the heavy-fermion superconductor CeRh_2As_2	
12:00-12:30	Seigo Ogawa (Okayama University)	

	⁷⁵ As-NMR Study of Multiple Phases in the Spin-Triplet Superconductor K ₂ Cr ₃ As ₃	
12:30-14:00	Lunch	

Thursday Afternoon, September 10, 2026

Time	Speaker & Talk Title	Chair
14:00-14:30	Hironori Sakai (Japan Atomic Energy Agency) Spin-Fluctuation Anisotropy and Electronic Inhomogeneity in Ce- and Yb-Based Correlated-Electron Compounds: An NMR Perspective	Takeshi Mito (the University of Hyogo)
14:30-15:00	Shinji Kawasaki (Okayama University) Sb-NQR study of uniaxial-strain-tuned nodal superconductivity in the charge-ordered kagome metal CsV ₃ Sb ₅	
15:00-15:20	Xuyang Feng (Institute of Physics, CAS) Unconventional superconductivity and loop-current order in kagome metal CsV ₃ Sb ₅	
15:20-15:40	Wang Yu (USTC) Unconventional density-wave state in Ruddlesden–Popper nickelate La ₄ Ni ₃ O ₁₀	
15:40-16:00	Vaibhav Singh (Indian institute of Technology Bombay) Magnetic and electronic properties of the spin = 5/2 two-dimensional honeycomb system SrFeSnP ₃ O ₁₂	
16:00 - 18:00	Lab tour of SECUF and poster	
18:00-19:30	Dinner	

Day 4

Friday Morning, September 11, 2026

Time	Speaker & Talk Title	Chair
09:00-09:30	Arneil Reyes (NHMFL, USA) Lattice Instabilities, Quasiparticle Lifetime Broadening, and Multiband Superconductivity in V ₃ Si Single Crystal	Andrej Zorko (Jožef Stefan Institute, Slovenia)
09:30-10:00	Takeshi Mito (the University of Hyogo) Recent Progress in NMR Studies of Rare-Earth Hexaborides REB ₆	
10:00-10:30	Matjaž Gomilšek (IJS, Slovenia) Anisotropy and Spin Dynamics in Centrosymmetric Skyrmion Hosts	

Break (30 minutes)		
11:00-11:30	Giacomo Prando (Università degli Studi di Pavia) Magnetic clusters in the paramagnetic phase of a high-temperature ferromagnetic metal-organic framework	Arneil Reyes (NHMFL, USA)
11:30-11:50	Wassilios Papawassiliou (ENS Lyon) Detection of Dirac/Weyl Fermions via electron-states resolved NMR crystallography	
11:50-12:10	Takuto Fujii (University of Hyogo) Anisotropic Exchange Coupling in the Magnetic Topological Semimetal α -EuP ₃	
12:10-12:30	Lixuan Zheng (Fuzhou University) NMR Evidence of Flat-Band Destructive Interference in a Kagome Lattice	
12:30-14:00	Lunch	

Friday Afternoon, September 11, 2026

Time	Speaker & Talk Title	Chair
14:00-14:30	Yi Zhou (Institute of Physics, CAS) Optical parametric free-electron-photon quantum interaction	Guo-qing Zheng (Okayama University)
14:30-15:00	Jiaming Wang (Univ. of Toronto) Mapping the local spin dynamics of disordered materials using inverse Laplace transform $1/T_1$ analysis	
15:00-15:30	Linpeng Nie (University of Science and Technology of China) Unveiling single-layer-like electronic correlations in bulk 1T-TaS ₂	
15:30-15:50	Shuo Li (Institute of Physics, CAS) NMR and NQR study on the multipolar order in heavy fermion Superconductor CeRh ₂ As ₂	
15:50-16:10	SAIKAT NANDI (Tsung-Dao Lee Institute, Shanghai Jiao Tong University) Microscopic Behavior in quasi-two-dimensional Altermagnets: Vanadium-Based Oxyselenides	
16:10-16:40	Closing Summary	
17:30-19:30	Dinner	