

403	Issues in correlated electron actinide materials	Zachary Fisk	University of California,Irvine Invited Researcher for ASRC (Group Leader)
404	MuSR studies of doped magnetic semiconductor (Ga,Mn) As and development of a next generation system Li (Zn,Mn) As	Yasutomo J.Uemura	Columbia University
405	The start of superheavy element research at TASCA	Matthias Schädel	GSI Invited Researcher for ASRC (Group Leader)
406	Spin current induced phenomena in nano-structures	Yoshichika Otani Yasuhiro Niimi Dahai Wei	The University of Tokyo
407	New approach of magnetic resonance toward nano-meter resolution	Yosuke Yoshinari	JEOL Ltd.
408	Gain of the kinetic energy of bipolarons in the t-J-Holstein model based on electron-phonon coupling	Janez Bonca	Jozef Stefan Institute
409	Recent and future research on superheavy elements at Mainz/GSI	Jens V. Kratz	The Johannes Gutenberg University of Mainz
411	A study of $\Xi$ production in (K-, K+) reactions by semi-classical distorted wave approximation and $\Xi$ -nucleus potential	Shintaro Hashimoto	Post-Doctoral Fellow, JAEA
412	Electromotive force in magnetic tunnel junctions	Hyun-Woo Lee	Pohang University of Science and Technology
413	Multifunctional properties in heusler compounds:from topological insulators to spintronics	Claudia Felser	The Johannes Gutenberg University of Mainz
414	Selected topics in spin caloritronics	Gerrit E. W. Baure	Delft University of Technology
415	The transport coefficients for the large scale nuclear collective motion	Fedir A. Ivanyuk	Kiev Institute for Nuclear Reseach
416	NMR imaging -technology and its development in Japan	Hiroshi Yasuoka	JAEA
417	Hypernuclear weak decay measurements with FINUDA experiment	Simonetta Marcello	University of Turin
418	Magnetic interactions and excitations in multiferroic MnWO <sub>4</sub>	Timothy Ziman	Institute Laue-Langevin
419	Spin spirals in underdoped cuprates:theory and experiment	Oleg P. Sushkov	University of New South Wales
420	Numerical study of interacting systems driven by a constant electric field	Janez Bonca	Jozef Stefan Institute
421	Spin current and spintronics	Koki Takanashi	Institute for Materials Research, Tohoku University
422	Development of the quantum-mechanical method suitable for systems with 20000 atoms	Dmitri Fedorov	Advanced Industrial Science and Technology
423	A Tale of two oxygens: Two types of oxygens in high-Tc cuprates observed by STM	Shin-ichi Uchida	Graduate School of Science, The University of Tokyo
424	Exotic charmed hadrons and charmed nuclei	Shigehiro Yasui	High Energy Accelerator Research Organization (KEK)
425	Radiation and pgoto-induced oxidative DNA damage	Kiyohiko Kawai	The institute of Scientific and Industrial Research, Osaka University
426	Matrix product state in discretized and continuous space -Density renormalization group, Bethe ansatz, Z2 topological invariant-	Isao Maruyama	Graduate School of Engineering Science, Osaka University
427	Exotic atom and molecule including supersymmetric tau particles and catalyzed nuclear fusion	Yasushi Kino	Faculty of Science, Tohoku University
428	Sp scattering experiment project at J-PARC	Kouji Miwa	Graduate School of Science, Tohoku Univeristy
430	The transport coefficients for the large scale nuclear collective motion	Fedir A. Ivanyuk	Institute for Nuclear Research
434	Molecular spintronics: Spin polarized transport through quantum dots and molecules	Jan Martinek	Polish Academy of Sciences
435	Nonequilibrium quantum dynamics of a charge carrier doped into Mott insulator	Lev Vidmar	Jozef Stefan Institute

◆Research theme accepted for Reimei Research Program

Research Theme	Project Director (Applicant)	Organization
New approach to the exotic phases of actinides compounds under unconventional experimental conditions	Gerry H. Lander	Institut Laue-Langevin
Biological assessment of radiation damage of ATP by Soft X-rays	Nobuyoshi Akimitsu	Radioisotope Center,The University of Tokyo
Theory of Materials for Spin Electronics and Dynamics of Magnetic Nanostructures	Timothy Ziman	Institut Laue-Langevin
Synthesis, MuSR and other studies of Li(Mn,Zn)As and I-II-V doped magnetic semiconductors	Yasutomo J. Uemura	Columbia University
Time-resolved neutron contrast method by pulse-magnetic-field nuclear polarization	Yasuo Narumi	Institute for Materials Research, Tohoku University

◆Research Collaborations and Cooperation

The number of Research collaborations	
Research collaborations	33
Research cooperations	3

The number of organizations based on joint research arrangement		
Domestic	Universities	19
	Public Institutions	6
	Others	7
Foreign Institutions		9

◆Visitors (the total number)

287