

第4回J-PARC MUSE成果報告会 プログラム(案)

日時:2013年6月6日(木) 会場:KEK東海キャンパス東海1号館324号会議室

6月6日

講演時間	Exp. No.	講演題目	講演者	所属
9:30 9:50 20分		Present status of MUSE Session 1: R & D/New techniques	Yaruhiro Myake	KEK/J-PARC
10:00 10:10 10分	2012B0117	Development of high-rate positron tracking system for muonium production experiment with high intensity pulsed muon beam	Yoshinori Fukao	KEK
10:15 10:25 10分	2012B0222	Development of the micro-cell MWPC for the experiment searching for a muon-electron conversion	Hiroaki Natori/ Hajime Nishiguchi	KEK
10:30 10:40 10分	2012B0190	Search for efficient materials for thermal muonium production target	Takashi Nagatomo	KEK/J-PARC
10:45 10:55 10分	2012A0141 2012B0043	Muonium emission from alkali-metal coated tungsten surfaces	Yasuyuki Nagashima	Tokyo University of Science
11:00 11:10 10分	2012B0178	Measurement of the Mossbauer gamma-rays from exotic Fe atoms produced by negative muon capture process Session 2: Element analysis/Physical Chemistry	Yoshio Kobayashi	RIKEN
11:15 11:25 10分	2012A0095 2012B0206	Development of non-destructive and multi-elemental analysis system by muonic X-ray	Kenya Kubo	International Christian University
11:30 11:40 10分	2012B0065	Development on non-destructive elemental analysis of planetary materials by using negative muon capture	Kentaro Terada	Osaka University
11:45 12:00 15分	2012A0039 2012B0103 2012B0207	Investigation of muonic nitrogen and oxygen atom velocities after muon capture on nitrogen dioxide molecule/Atomic process after formation of muonic atom through muon transfer reaction for nitrogen oxide molecule/Study on muon transfer process in the liquid phase	Kazuhiko Ninomiya	Osaka University
12:05 13:00		昼食		
13:00 13:10 10分	2012A0067	Muon spin researches of valence-trapping and detrapping in mixed-valence trinuclear carboxylate iron complexes Session 3: Material science/Hydrogen-related defects	Yoichi Sakai	Daido University
13:15 13:25 10分	2012A0128 2012B0195	Development of high pressure cell for muon spin rotation and relaxation experiments at J-PARC/MUSE and its application to organic systems	Kazuhiko Satoh	Saitama University
13:30 13:40 10分	2012A0112	Microscopic characterization of the nano-domain ferromagnet FINEMET	Akihiro Koda	KEK/J-PARC
13:45 14:00 15分	2012A0044 2012B0063 2012A0089	Diffusive behavior of garnet- and Li-deficient olivine-type compounds/Static/dynamic behavior in MgH2 at high temperatures	Izumi Umegaki/ Jun Sugiyama	Toyota Central R&D Labs. Inc.
14:05 14:15 10分	2012B0221	Muon spin relaxation measurement of metallic cement: C12A7 Electroride	Kenji M. Kojima	KEK/J-PARC
14:20 14:30 10分	2012A0110 2012B0031	Characterization of the oxygen vacancy in TiO ₂ nano crystal by muon spin relaxation	Koichiro Shimomura	KEK/J-PARC
14:35 14:45 10分	2012A0072	μ SR study on the behavior of trace hydrogen in high-pressure silicate minerals	Nobumasa Funamori	University of Tokyo
14:50 15:05		休憩		
15:05 15:15 10分	2012A0063 2012B0233	μ SR studies of hydrogen behavior in a newoxyhydride BaTi(O, H) ₃ /Possible shallow muonium state in barium titanate	Takashi U. Ito	JAEA/J-PARC
15:20 15:30 10分	2012B0042	Role of interstitial hydrogen in InGaZnOx probed by muonium hyperfine structure Session 4: Strongly correlated electron systems	Kenji Kojima	KEK/J-PARC
15:35 15:45 10分	2012B0188	μ SR Study on Low-Temperature Anomaly of SmBe13	Hiroshi Amitsuka	Hokkaido University
15:50 16:05 15分	2012A0071 2012B0124	μ SR study on frustrated quantum spin system (CuCl)La(Nb _{1-x} Ta _x) ₂ O ₇ Investigation on the magnetic ground state of frustrated spin system Rb ₂ Cu ₂ Mo ₃ O ₁₂	Seiko Kawamura	JAEA/J-PARC
16:10 16:30 20分	2012A0149 2012B0061 2012B0062	μ SR study of the magnetism and superconductivity in the multi-layer Bi-2223 high- <i>T_c</i> superconductor/ μ SR study of the magnetic ground state in Bi-2201 high- <i>T_c</i> superconductor/ μ SR study of different magnetic states in electron-doped Pr _{1.3-x} La _{0.7} Ce _x CuO ₄ + δ (x=0.10) single crystals depending on the δ	Tadashi Adachi	Sophia University
16:35 16:45 10分	2012B0194	Investigation of The Magnetic States in New Quantum-spin Systems of Spin-triangular Cu ₂ (OH) ₃ Cl and Spin-tetrahedral K ₄ Cu ₄ Cl ₁₀	Xu-Guang Zheng	Saga University
16:50 17:00 10分	2012B0107	Chiral Magnetic Structures in inorganic chiral compounds CsCuCl ₃	Yusuke Kousaka	Aoyama Gakuin University