

Spin Polarization of Radioisotope Atoms with Optical Pumping in Superfluid Helium for the Measurement of Nuclear Spins and Electromagnetic Moments

Friday 24 October 2014 09:45 (20 minutes)

Author: FURUKAWA, Takeshi (Department of Physics, Tokyo Metropolitan University)

Co-authors: Prof. HATAKEYAMA, Atsushi (Department of Applied Physics, Tokyo University of Agriculture and Technology); Ms SHIRAI, Hazuki (Department of Physics, Tokyo Institute of Technology); Dr UENO, Hideki (RIKEN Nishina Center); Mr IMAMURA, Kei (RIKEN Nishina Center); Dr YONEDA, Kenichiro (RIKEN Nishina Center); Prof. ASAHI, Koichiro (Department of Physics, Tokyo Institute of Technology); Dr WADA, Michiharu (RIKEN Nishina Center); Ms HAYASAKA, Miki (Department of Physics, Tokyo Gakugei University); Dr NISHIMURA, Mizuki (RIKEN Nishina Center); Dr KUBONO, Shigeru (RIKEN Nishina Center); Mr KISHI, Shota (Department of Physics, Tokyo Gakugei University); Mr KOJIMA, Shuichiro (Department of Physics, Tokyo Institute of Technology); Dr NISHIMURA, Shunji (RIKEN Nishina Center); Prof. SHIMODA, Tadashi (Department of Physics, Osaka University); Mr SUZUKI, Takahiro (Department of Physics, Tokyo Institute of Technology); Dr WAKUI, Takashi (CYRIC, Tohoku University); Dr SONODA, Tetsu (RIKEN Nishina Center); Dr KOBAYASHI, Tohru (RIKEN); Ms FUJITA, Tomomi (Department of Physics, Osaka University); Mr SATO, Tomoya (Department of Physics, Tokyo Institute of Technology); Mr SAGAYAMA, Tsubasa (Department of Physics, Tokyo Gakugei University); Prof. SHINOZUKA, Tsutomu (CYRIC, Tohoku University); Ms YANG, Xiaofei (RIKEN Nishina Center); Ms ISHIBASHI, Yoko (RIKEN Nishina Center); Dr OHSHIRO, Yoshimitsu (CNS, University of Tokyo); Dr KONDO, Yosuke (Department of Physics, Tokyo Institute of Technology); Mr MITSUYA, Yosuke (Meiji University); Dr ICHIKAWA, Yuichi (RIKEN Nishina Center); Mr OHTOMO, Yuichi (Department of Physics, Tokyo Institute of Technology); Prof. MATSUO, Yukari (Department of Advanced Science, Hosei University); Mr EBARA, Yuta (Department of Physics, Tokyo Gakugei University); Dr ITO, Yuta (RIKEN Nishina Center)

Presenter: FURUKAWA, Takeshi (Department of Physics, Tokyo Metropolitan University)

Session Classification: Parallel-VII

Track Classification: S7: Spin Physics in Nuclear Reactions and Nuclei