

International Symposium on
Modern Technique and its Outlook in Heavy Ion Science (MOTO16)
June 26 and 27, 2016
at Rikkyo University, Tokyo, Japan

This symposium with focus on modern technique and its outlook in heavy ion science will be held to commemorate Prof. Tohru Motobayashi's outstanding scientific achievements during his lifelong dedication to the field of heavy ion science.

Since the dawn of the history of fast radioactive isotope beams (RIB) about 30 years ago, multitudes of radioactive nuclei have been experimentally investigated and their exotic structure revealed at the heavy-ion accelerator facilities worldwide. The rapid growths of this field can be attributed to the enthusiasm of many physicists who aspired to develop new techniques which would overcome experimental difficulties in terms of intensity and quality of RIB. Emphasis should be given not only to experimental methods but also to instrumentation developments and reliable theoretical-models, all of which should be worked out closely together to promote further progress in the field.

This symposium will provide both reviews and contribution talks on modern technique and its outlook for both experimental and theoretical studies of nuclear structure, reactions and nuclear astrophysics, and will also encourage discussions on perspectives of future growths at the facilities around the world.

Prior to the symposium, a symposium on "Nuclei in the Cosmos XIV (NIC14)" will be held in Niigata, Japan from June 19 to 24, 2016.

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Organizers: N. Aoi (RCNP, Osaka Univ.), K. Ieki (Rikkyo Univ., co-chair), K. Kurita (Rikkyo Univ.), S. Nishimura (RIKEN), H. Sakurai (RIKEN, co-chair), S. Shimoura (CNS, Univ. of Tokyo), T. Uesaka (RIKEN), Y. Yanagisawa (RIKEN), K. Yoneda (RIKEN)