



独立行政法人理化学研究所 仁科加速器研究センター
第104回RIBF核物理セミナー

RIKEN Nishina Center for Accelerator Based Science
The 104th RIBF Nuclear Physics Seminar

Superstrings and Nuclear forces

Dr. Koji Hashimoto (Mathematical Physics Laboratory, RIKEN)

String theory, proposed as a theory of everything, was born originally in physics of strong interactions, four decades ago. At present, string theory is grown up and it is, as a mathematical framework, mature enough to be applied to a derivation of nuclear forces from strongly coupled QCD. The new string-theoretical idea "holography" used for this derivation is quite novel and surprising, giving a new principle in particle physics and cosmology. This talk is for explaining the idea, the results and the future, especially in applications to nuclear/hadron physics.

July. 13(Tue), 2010 15:00-
RIBF Conf. Hall, RIKEN

The seminar will be given in English.

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