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Study of radii of proton and nuclei by electron scattering 電子散乱による陽子と原子核の半径測定

Friday, 19 November 2021 13:00 (30 minutes)

The size (radius) and shape (density distribution) are fundamental ground-state properties of atomic nuclei, which are essential inputs for any structure model. I will discuss the following three topics that we are currently studying by electron scattering. 1) proton charge radius, 2) charge radius (and density distribution) of exotic nuclei, 3) neutron-distribution radius of nuclei.

Primary author: Prof. SUDA, Toshimi (Research Center for Electron-Photon Science, Tohoku University)

Co-author: SUDA, Toshimi

Presenter: Prof. SUDA, Toshimi (Research Center for Electron-Photon Science, Tohoku University)

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