"Density functional theory for neutron-rich nuclei and hypernuclei"

by Ying Zhang

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Time and Date : 10:00 - 12:00, Tue Oct 26th 2021

Zoom registration :

https://us02web.zoom.us/meeting/register/tZYrduCsrzwjGtTsXaYe3swe0q0ao4woutWW

Abstract:

Nucleus is a finite quantum many-body system. This many-body problem becomes more and more complicated when the nucleon number increases. The density functional theory is one of the models which can efficiently describe the nucleus with many nucleons. In this seminar, I will briefly introduce the density functional theory, and its extension to describe the ground state properties of neutron-rich nuclei and hyper-nuclei.

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