ID de Contribution: **10** Type: **Non spécifié**

Study of chirality and wobbling within CDFT+PRM

mardi 11 juillet 2023 11:00 (30 minutes)

Chirality and wobbling are two unique fingerprints for a triaxial nuclear shape. In both of case, the triaxial deformation parameters and the configuration information are of importance. The triaxial deformation determines whether the chiral and wobbling mode exists or not, while the configuration determines what kind of the modes. Therefore, a reliable theoretical approach is needed to get the information of the configuration and deformation for a specific nuclei. Over the past years, we combined the constrained triaxial covariant density functional theory combined with quantum particle rotor model calculations to investigate the chirality and wobbling and achieve some progresses. In this talk, some recent examples will be shown.

Author: CHEN, Qibo (East China Normal University)

Orateur: CHEN, Qibo (East China Normal University)

Classification de Session: Session