

Covariant density functional theory with Fock terms —role of the non-local Fock terms

Tuesday, 20 June 2017 11:45 (30 minutes)

In this talk, I will briefly introduce the covariant density functional theory with Fock terms. Firstly I will briefly introduce the theory itself, including the background, history, and theoretical framework. Then the discussions will be concentrated on the role of Fock terms in nuclear structure, including the balance of nuclear force, the prediction of novel phenomena, and the nuclear tensor force. Finally, a short conclusion and perspective will be given.

Presenter: Prof. LONG, Wenhui