Title: Electromagnetic moments in nuclei within nuclear DFT

Abstract: Ground-state electromagnetic moments are known in hundreds of odd and odd-odd nuclei. Very often, they have been measured by atomic spectroscopic methods up to a very high precision. In nuclear DFT approaches, these essential observables have been rarely considered so far. At the same time, time-odd properties of nuclear density functionals, which crucially influence magnetic moments, are poorly known. In this talk, I will discuss (i) current attempts to use rich experimental information on magnetic moments to gain access to this sector of nuclear density functionals and (ii) determination of Schiff and anapole moments for studies of fundamental interactions.