

**Title:** Parity violation in atomic nuclei

**Abstract:** One of the fundamental goals in nuclear physics is to understand the nuclear structure from the underlying interaction. Owing to the developments in the chiral effective field theory and many-body calculation methods, to date, the applicability of nuclear ab initio calculations is reaching mass number  $A \sim 100$  region. Combining with the parity-violating nuclear interaction, the ab initio calculations of the parity-violating moments would be feasible. Towards the parity-violating moment calculations of the realistic candidates, in this talk, I will discuss the nuclear anapole and electric dipole moments of the light nuclei.