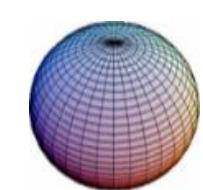


# Shape fluctuation in low-lying states in neutron-rich $N = 40$ nuclei

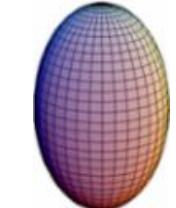
Kouhei Washiyama (Center for Computational Sciences, University of Tsukuba, Japan)

Collaborators: Kenichi Yoshida (Osaka Univ.), Takashi Nakatsukasa, Nobuo Hinohara (CCS, Univ. Tsukuba)

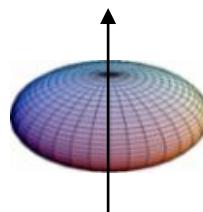
## Shape of atomic nuclei



spherical



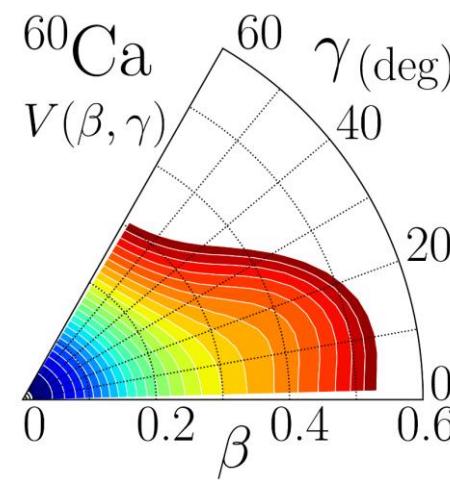
prolate



oblate

Triaxial shape

## Potential energy surface



## Observable

