554th ASRC Seminar

Date: 10:30 ~12:00, 12 June
Location: Meeting room 103, ASRC Building
Speaker: Prof. William B. Walters
(Dept. Chemistry and Biochemistry, University of Maryland)
Title: Nuclear structure of $^{68}\text{Ni}$ and adjacent nuclei

The structure of double-magic $^{68}\text{Ni}$ itself and a number of nearby nuclei have attracted considerable recent attention. In this talk, the reasons for the interest will be described. New data for the structure of $^{66,70}\text{Ni}$, $^{69,71}\text{Cu}$, and $^{67}\text{Co}$ will be presented. These data will be compared to recent calculations by Tsunoda et al., as well as with large scale shell-model calculations, and some conclusions discussed.

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