

Szanowni Państwo,

Zapraszamy na cotygodniowe Seminarium Fizyki Jądra Atomowego.

Link (ten sam dla wszystkich spotkań), aktywny w każdy czwartek w godz.

od 10.00 do 12.00 :

<https://us02web.zoom.us/j/86759935850?pwd=ejZhaHBjUTNncVVDZFJTRnVaYW9MQT09>

ID: 867 5993 5850

Passcode: 909432

Seminarium, które odbędzie się w czwartek 3 grudnia 2020 r. o godz. 10:15, wygłosi **dr. Shintaro Go z Uniwersytetu Kiusiu (Kyushu University) w Japonii.**

Tytuł seminarium:

“Mapping of fragmented $\nu f_{5/2} \rightarrow \pi f_{7/2}$ transitions in neutron-rich Co isotopes”

Abstract:

With the increased quality of the experimental data for neutron-rich nuclei, a more in-depth verification of nuclear models can be achieved. This is particularly important near doubly-magic nuclei, which are thought to form the backbone of the nuclear structure model. In this study, the excited states of $^{73,75}\text{Ni}$ are investigated via the beta-decay of $^{73,75}\text{Co}$. Experimental data reveal dominant Gamow-Teller transitions in addition to a small amount of strength in the higher energy region in the decay of ^{73}Co . A theoretical interpretation for the obtained data will be presented and possible future measurements will be discussed.

K. Rusek, J. Skalski, W. Urban