



# A3F-CNS Summer School 2023

## Wednesday, 9 August 2023

### Short presentation for poster contributions (14:35 - 15:40)

time	[id] title	presenter
14:35	[11] Performance and Geant4 simulation of the upgraded focal plane polarimeter 2nd-FPP	TANAKA, YUSUKE
14:40	[12] Construction of a renewed $^{33}\text{Mg} \rightarrow ^{33}\text{Al}$ decay diagram	YOSUKE, Yamamoto
14:45	[13] Performance evaluation of MWDCs for deuteron-proton scattering measurement	Mr SUZUKI, Kotaro
14:50	[14] Barrier distribution and excitation function measurements of the $^{51}\text{V} + ^{159}\text{Tb}$ fusion reaction for estimating the optimal reaction energy for the synthesis of new elements.	Mr MICHIMOTO, Yuya
14:55	[17] Development of dual-species spin maser of $^{129}\text{Xe}$ and $^{131}\text{Xe}$ toward the EDM measurement	TANIMOTO, Kohei
15:00	[21] Pre-bunching and re-bunching systems at RAON for nuclear science experiments	KWAK, Donghyun
15:05	[24] Half-life measurement of 107-keV isomeric state in $^{45}\text{Cr}$	Ms AMITANI, Mei
15:10	[25] Gamma-ray measurement for isomeric decays in proton-rich pf-shell nuclei at SHARAQ spectrometer	NAKAMURA, Yuki
15:15	[50] Direct measurement of the cross section for $^{102}\text{Pd}(p,g)^{103}\text{Ag}$ reaction in the p-process	LIU, Fulong
15:20	[55] Development of a mosaic type array formed by Si photodiodes for charged-particle detection in heavy ion collisions	LI, Jiatai
15:25	[59] Development of a Radio Frequency Dipole Mass Filter for the Francium Permanent Electric Dipole Moment Search	FUKASE, Mirai
15:30	[60] Development of a novel comagnetometer for high-precision measurement of the electron's electric dipole moment using laser-cooled Fr atoms	NAGASE, Shintaro
15:35	[19] Production of Np isotopes from $^{238}\text{U}$ beam at BigRIPS	Mr FUKUSHIMA, Chihaya