

SND2021 Poster presentation program

Poster session is held at 16:00-18:30 on 18th Nov. The red-colored poster numbers indicate the candidates of the poster award. The poster presenters should be in each room (P1 – P23) during the poster session. Abstracts can be seen by clicking the poster number.

Poster#	Name	Affiliation	Poster title
P1	Gerard Rovira Leveroni	JAEA	241Am Neutron Capture Cross Section Measurement and Resonance Analysis
P2	Yosuke Iwamoto	JAEA	Development of a method for calculating displacement damage dose of semiconductors by space radiation using PHITS code
P3	Kazuki Fujio	Tokyo Institute of Technology	Estimation of fission fragment yields using random-walk models on microscopic mean-field potentials
P4	Shoto Watanabe	Hokkaido Univ.	The optical potential for neutron-nucleus scattering derived by Bayesian optimization
P5	Kaoru Hara	Hokkaido Univ.	Small-angle scattering measurements for cement paste samples using X-rays and neutrons in Hokkaido University
P6	Kazuki Fukui	Osaka Univ.	Design of a new shadow bar to improve the accuracy of benchmark experiments of large-angle elastic scattering reaction cross sections by 14MeV neutrons
P7	Chikara Konno	JAEA	Problem on gammas emitted in capture reaction of TENDL-2019 and JEFF-3.3
P8	Hiroki Iwamoto	JAEA	Measurement of 107-MeV proton-induced double-differential neutron yields for iron for research and development of accelerator-driven systems
P9	Yaoki Sato	Tokyo Institute of Technology	TOF measurement of neutron capture cross section of Re-185 in keV region
P10	Sota Araki	Osaka Univ.	Benchmark Experiment for Large Angle Scattering Cross Sections for Tungsten with 14 MeV Neutrons
P11	Kazuya Shimada	Tokyo Institute of Technology	Energy dependence of total kinetic energy of fission fragments for the standard and superlong modes analyzed separately by 4D Langevin model
P12	Yoshihide Iwanaka	Osaka Univ.	Development of activation detector for ultra-long term DT neutron irradiation
P13	Chikako Ishizuka	Tokyo Institute of Technology	Semi-empirical nuclear fission yield model for astronomical use based on the four-dimensional Langevin approach
P14	Fukuda Hiroya	Kyushu Univ.	Development of counter telescopes for light charged particles emitted from muon nuclear reaction on Si
P15	Kenta Sugihara	Kyushu Univ.	Study on JQMD and INCL models for α particle incident neutron production
P16	Akira Ichihara	JAEA	Theoretical Evaluation of neutron thermal scattering laws of heavy water for JENDL-5
P17	Toru Yamamoto	—	Study of thermal scattering law of hydrogen in water with analysis of TCA critical experiments
P18	Riu Nakamoto	Kansai Univ.	Formulation of a shell–cluster overlap integral with the Gaussian expansion method
P19	Daisuke Hatano	Osaka Univ.	Design of real-time absolute epi-thermal neutron flux intensity monitor with LiCaF detector
P20	Ayano Makinaga	JIFS	Measurement of natIn(g, xn) reaction cross sections with the 63 MeV bremsstrahlung
P21	Hiroki Matsuda	QST	Shielding design for 3 GeV next generation synchrotron radiation facility
P22	Takahiro Matsuda	Osaka Univ.	Design and Construction of Epi-thermal Neutron Field with a Am-Be Source for Basic Researches for BNCT
P23	Furutachi Naoya	RIST	Visualization of nuclear data used in PHITS and utilization of a tool to convert EXFOR to PHITS-readable format