



# 2023年度核データ+PHITS合同研究会/Joint Symposium on Nuclear Data and PHITS in 2023

## Thursday, November 16, 2023

Poster presentation (3:00 PM - 5:00 PM)

time	[id] title	presenter
3:00PM	[78] Estimation of Radioactivity Depth Distribution of Concrete in a BNCT Facility/BNCT施設におけるコンクリートの放射化の深さ分布の推定	ISHIKAWA/石川, Masaki/真希
3:00PM	[77] Estimation of deposition positions of alpha-emitters in the body by L X-ray analysis/LX線解析によるアルファ線放出核種の体内沈着位置の推定	HOKAZONO/外蘭, Koki/康輝
3:00PM	[76] Real-time scattered radiation exposure estimation system during X-ray fluoroscopy using PHITS results/PHITSの結果を用いたX線透視検査時のリアルタイム散乱線被ばく推定システム	HONIDEN/本井傳, Kenta/健太 FUJIBUCHI/藤淵, Toshioh/俊王
3:00PM	[75] The ambient dose in TrueBeam LINAC: Measurement and PHITS simulation with JENDL-5.0/TrueBeamリニアックにおける周辺線量:JENDL-5.0による測定とPHITSシミュレーション	DANG QUOC, Soai
3:00PM	[74] Direction Vector Visualization of Scattered Radiation for fluoroscopy by PHITS/PHITSによる透視検査のための散乱線の方向ベクトルの可視化	HIZUKURI/檜作, Kyoko/響子
3:00PM	[73] Design of new brachytherapy source using PHITS code/Phitsを用いた新規密封小線源治療用線源の設計	MAKINAGA/牧永, Ayano/あや乃
3:00PM	[72] Development of a PHITS simulation technique and a numerical method to optimize measures against radioactive sources/線源対策最適化のためのPHITSシミュレーション技術及び数値計算手法の開発	FURUTACHI/古立, Naoya/直也
3:00PM	[71] Performance evaluation of an EJ-276 plastic scintillator using 252Cf neutron source/252Cf中性子線源を用いたEJ-276プラスチックシンチレータの性能評価	KAWATA/川田, Teppei/哲平
3:00PM	[70] Study on Neutron Activation Method Using UV-curing Resin Scintillator/光硬化型プラスチックシンチレータを用いた中性子放射化法の研究	KONDO/近藤, Hiromi/大洋
3:00PM	[69] Development of New Technique to Measure Neutron-Induced Charged-Particle Emission Reactions Using Sample-Added Scintillator/試料添加シンチレータを用いた中性子誘起荷電粒子放出反応の新しい測定法の開発	LI/李, Gengchen/庚辰
3:00PM	[68] Feasibility test of cavity exploration using a prototype muography detector/ミュオグラフィ試作検出器を用いた空洞探査の実現可能性試験	OKUDA/奥田, Ayumu/歩夢
3:00PM	[67] Small-angle neutron scattering and neutron transmission of hardened cement paste/硬化セメントペーストの中性子小角散乱と中性子透過率	HARA/原, Kaoru/かおる
3:00PM	[65] Measurement of the spallation neutron spectrum by unfolding at 180° from 3-GeV protons and natHg with the 209Bi(n,xn) reactions/209Bi(n,xn)反応を用いたアンフォールディング法による3-GeV陽子と水銀の反応で180度方向に生成する核破砕中性子スペクトルの測定	Dr SUGIHARA/杉原, Kenta/健太
3:00PM	[64] Production of Np isotopes from 238U beam at BigRIPS in RIKEN/理研BigRIPSでの238UビームからのNp同位体の生成	FUKUSHIMA/福嶋, Chihaya/知隼
3:00PM	[63] Measurement of double differential cross sections of charged particles produced by 100 MeV/u 12C beam nuclear reactions/100MeV/u 12Cビーム入射荷電粒子生成二重微分断面積の測定	IKOMA/生駒, Ryota/怜太

3:00	☒PM[62] Evaluation of Photonuclear Reaction Data 209Bi at 13 and 17 MeV photon energy	THUONG THI HONG , Nguyen
3:00	☒PM[61] Measurement of the very-forward-angle neutron elastic scattering and PHITS simulation for neutron shielding/超前方散乱角における中性子弾性散乱の測定とPHITSによる中性子遮蔽計算	NAKADA/中田, Tomoya/智也
3:00	☒PM[60] Neutron total and capture cross section measurements of natEr at ANNRI	ROVIRA, Gerard
3:00	☒PM[59] Development of a New Web Services and RESTful APIs for for Experimental Nuclear Reaction Database (EXFOR)/原子核反応実験データベース(EXFOR)の新WebサービスとRESTful APIの開発	OKUMURA/奥村, Shin/森
3:00	☒PM[58] Calculation of Fission Fragment Yields for thermal neutron reaction of 239Pu/熱中性子核反応における239Puの核分裂収率の計算	MINATO/湊, Futoshi/太志
3:00	☒PM[57] Study of INC model for alpha incident reaction at 230 MeV/u/230MeV/uのアルファ粒子入射反応に対するINC模型の研究	FURUTA/古田, Toshimasa/稔将
3:00	☒PM[56] 4-D Langevin trajectory analysis using machine learning/機械学習を用いたランジュバン軌道解析	MUKOBARA/向原, Yuta/悠太
3:00	☒PM[55] Improving Accuracy of Fission Product Yields by Bayesian Neural Network/ベイジアンニューラルネットワークによる核分裂生成物収率の高精度化	CHEN/陳, Jingde/敬徳