

- GPPU advanced experiment

GEP points : 15 pt (2020/5/25)

- GPPU special seminar I

GSP points : 19 pt

GASP points : 2 pt (2020/5/25)

- GPPU overseas training

I have spent 56 days (2020/5/25)

International conference

Few-Body Phys. (Caen, France & Guildford, UK)

JPS & APS Mtg. (Hawaii, US)

Experiments

p+d few-nucleon scattering exp. @Bronowise Cyclotron Center (Krakow, Poland)

Fission Product Yield exp. @TUNL (Durham, US)

## 論文誌

1. S. Nakai et al.

Title : “Measurement for  $p$ - $^3\text{He}$  elastic scattering with a 65 MeV polarized proton beam”

24th European Conference on Few-Body Problems in Physics, SciPost Phys. Proc. 3, 019 (2020).

資料別途添付

2. S. Nakai et al.

Title : “Measurement for  $p$ - $^3\text{He}$  Elastic Scattering with a 65 MeV Polarized Proton Beam ”

22nd International Conference on Few-Body Problems in Physics, Rec. Prog. Few-Body Phys. 238, 513 (2020).

<https://www.springer.com/gp/book/9783030323561>

## 国際会議

1. “Measurement for  $p$ - $^3\text{He}$  elastic scattering with a 65 MeV polarized proton beam”,  
22nd International Conference on Few-Body Problems in Physics, Caen, France, July 2018. (口頭発表, 査読あり)
2. “Measurement for  $p$ - $^3\text{He}$  elastic scattering with a 65 MeV polarized proton beam”,  
5th Joint Meeting of the Nuclear Physics Divisions of the APS and JPS, Hawaii, United States, October 2018. (口頭発表, 査読なし)
3. “Measurement for  $p$ - $^3\text{He}$  elastic scattering with a 65 MeV polarized proton beam”,  
24th European Conference on Few-Body Problems in Physics, Guildford, United Kingdom, September 2019. (口頭発表, 査読あり)

## その他(ポスター発表)

1. “Measurement of the absolute value of the  $^3\text{He}$  target polarization using RIKEN accelerator-driven compact neutron source RANS”, Clustering as a Window on the Hierarchical Structure of Quantum Systems (CLUSHIQ2020), Beppu, Ohita, January 2020.
2. “ $p$ - $^3\text{He}$  elastic scattering experiment for the study of three-nucleon forces”, SNP school 2017, Tokai, Ibaraki, December 2017.