

口頭論文

原子核ハドロン物理研究室

国際会議

M. Naruki

Baryon Spectroscopy at J-PARC

Hadron spectroscopy with Strangeness

Glasgow, Scotland, 2024/4/5

M. Naruki

E16 experiment: introduction for young students

E16 workshop at Taiwan

Taipei, China, 2024/9/9

J. Zenihiro

Overview of TRIP-MESA and ESPRI Project

International symposium: TRIP Usecase: Nuclear Transmutation
2025

RIKEN, Japan, 2025/3/11

J. Zenihiro

The TRIP project

RIBF Users Meeting 2025

RIKEN, Japan, 2025/1/21

J. Zenihiro

The ESPRI project

LEES2024, Tohoku U, Japan, 2024/11/1

T. Gogami

Baryon interaction research through hypernuclear spectroscopy

The 21st International Conference on Hadron Spectroscopy and
Structure (HADRON2025)

Osaka, Japan, 2025/3/29

T. Gogami

When sciences face crisis

Kyoto University / The University of Melbourne Joint Program The

4th Joint Meeting Series “Dialogues for Future Research”
Melbourne, Australia, 2025/2/28

T. Gogami

Electro-Production Hypernuclear Spectroscopy at Jefferson Lab
KEK Theory Center Workshop "Nuclear Physics with Strangeness
and Clusters"
KEK, Tsukuba, Japan, 2025/2/17

T. Gogami

Hypernuclear Spectroscopy with Hadron and Electron Beams
Tensor-Tokai Joint Meeting
KEK, Tsukuba, Japan, 2025/2/16

T. Gogami, M. Yasui

Emerging Contaminants and Acceptable Health Risks in Water
HeKKSaGOn-L-INSIGHT Spin-off Programme, 2024 [HLSP]
“Dialogues for Future Research and Science with Early Career
Researchers
Heidelberg, Germany, 2024/11/29

T. Gogami

Baryonic Interaction Study through Spectroscopy of Hypernuclei at JLab
and J-PARC
Jefferson Lab Seminar
Online, 2024/11/25

T. Gogami

Optics commissioning for HES and HKS at JLab
JLab Experimental Readiness Review
Jefferson Lab + Online, 2024/11/18

T. Gogami

HES and HKS detectors
JLab Experimental Readiness Review
Jefferson Lab + Online, 2024/11/18

T. Gogami

Strangeness $S=-1$ and -2 hypernuclear research at JLab and J-PARC
Department Seminar at Czech Academy of Sciences
Rez, Czech Republic, 2024/10/18

T. Gogami

Hypernuclear experiments at J-PARC by using S-2S

Workshop for electro- and photoproduction of hypernuclei and related topics 2024 (WEPH RE:2024)
Rez, Czech Republic, 2024/10/15

T. Gogami

Opening talk for WEPH RE:2024

Workshop for electro- and photoproduction of hypernuclei and related topics 2024 (WEPH RE:2024)
Rez, Czech Republic, 2024/10/15

T. Gogami

Next generation hypernuclear spectroscopy with the $(e, e'K^+)$ reaction at Jefferson Lab

The 23rd International Conference on Few-Body Problems in Physics (FB23)
Beijing, China, 2024/9/24

T. Gogami

Lambda Hypernuclear Spectroscopy by Electron Scattering at JLab
XVIth Quark Confinement and the Hadron Spectrum
Cairns, Australia, 2024/8/22

T. Gogami

J-PARC E70: Spectroscopic study of Ξ -hypernucleus via the $^{12}\text{C}(K^-, K^+)$ reaction
The 38th J-PARC PAC
Tokai village, Japan, 2024/7/30

T. Gogami

JLab E12-24-004: Study of Charge Symmetry Breaking in P-shell Hypernuclei
JLab PAC 52
Newport News, VA, US, 2024/07/9

T. Gogami

High Resolution Missing Mass Spectroscopy of Hypernuclei at JLab and J-PARC
Strange Hadrons as a Precision Tool for Strongly Interacting Systems (SPICE)
Trento, Italy, 2024/05/17

Masanori Dozono

Towards nuclear reaction studies with isomeric beams

Workshop on advancing physics at next RIBF (ADRI25)

RIKEN, Wako, Japan 2025/01/22-23

Masanori Dozono

Search for highly-excited pair vibration modes in heavy nuclei using alpha-induced pair-transfer reactions

RCNP-CENuM-OMEG Symposium on Nuclear Structure, Reaction, and Astrophysics: NuSRAP2024

Osaka, Japan 2024/12/18-20

N. Tomida

GPDs measurement using hadron beam at J-PARC

The 21st International Conference on Hadron Spectroscopy and Structure (HADRON2025)

Osaka University, 2025/03/29

N. Tomida

Measurement of Generalized Parton Distributions using primary proton beam

Workshop on Hadron physics studies by using high-momentum secondary beams at J-PARC

Osaka University, 2024/08/02

N. Tomida

GPDs measurement at J-PARC using hadron beams

3D Structure of the Nucleon via Generalized Parton Distributions

Howard Johnson Incheon Airport Hotel, Korea, 2024/06/26

N. Tomida

R&D of MARQ MRPC - the TOF and muon tracker MRPCs for the J-PARC n20 beam line

2024 Joint Workshop of FKPPN and TYL/FJPPN

KISTI, Korea, 2024/05/23

R. Sekiya for the GSI-s490 collaboration

Search for η' -mesic nuclei with the WASA detector at GSI-FRS

QNP2024 - The 10th International Conference on Quarks and Nuclear Physics

Barcelona, Spain, 2024/07/10

R. Sekiya for the GSI-s490 collaboration

Missing-mass spectroscopy of $^{12}\text{C}(\text{p},\text{dp})$ reaction with the WASA detector at GSI-FRS

International workshop on J-PARC hadron physics 2024
Tokai, Japan 2024/07/24

T. K. Harada

High resolution spectroscopy of Ξ hypernuclei via the $^{12}\text{C}(\text{K}^-, \text{K}^+)$ reaction
J-PARC Symposium 2024
Mito City Civic Center, 2024/10/16

S. Nakasuga for the J-PARC E16 collaboration

Invariant mass measurement of ϕ mesons in nuclei at J-PARC
International workshop on J-PARC hadron physics 2024
Tokai, Ibaraki, Japan, 2024/07/24

S. Nakasuga for the J-PARC E16 collaboration

Status of the J-PARC E16 experiment and Overview of the commissioning runs

Workshop on Hadron physics studies by using high-momentum secondary beams at J-PARC
Osaka, Japan, 2024/08/02

S. Nakasuga for the J-PARC E16 collaboration

Establishment of the Electron Identification System for Vector meson Measurement at J-PARC

Vienna Conference on Instrumentation 2025
Vienna, Austria, 2025/02/19

Tsuji Ryotaro

The study of $t/{}^3\text{He}$ cluster formation in Ca isotopes proved by the cluster knockout reactions

DREB Conference 2024 (The 12th International Conference on Direct Reactions with Exotic Beams)
Kurhaus Wiesbaden, 2024/06/25

K. Ebata et al.

Light Ξ hypernuclear spectroscopy at J-PARC (E75-1 experiment)
Workshop of Electro- and Photoproduction of Hypernuclei and Related Topics 2024
Czech (online), 2024/10/17

K. Ebata et al.

The missing-mass spectroscopy for few-body Ξ hypernuclei via the

$^7\text{Li}(\text{K}^-, \text{K}^+)$ reaction.

J-PARC symposium 2024

Mito, Japan, 2024/10/16

K. Ebata et al.

Momentum analysis with machine learning for the spectroscopy of Ξ hypernuclei

SNP-CNS Summer School 2024

Tokyo, Japan, 2024/08/03

Ryohsuke Yoshida

Production Cross-Section Measurement of ^{16}N Isomer for Proton Elastic Scattering Experiment

DREB Conference 2024 (The 12th International Conference on Direct Reactions with Exotic Beams)

Kurhaus Wiesbaden, 2024/6/25

S. Nagafusa for the J-PARC E16 collaboration

Performance improvement of DAQ for the J-PARC E16 experiment

The 4th J-PARC Symposium

Mito, Ibaraki, Japan, 2024/10/15

Takayuki Yano

Development of the New Particle Identification Method by Pulse-shape Analysis with GAGG(Ce) Calorimeter

SNP CNS SS

RIKEN, Japan, 2024/08/07

Takayuki Yano

Measurement of proton elastic scattering from ^{136}Xe at 200 and 300 MeV/nucleon

International symposium: TRIP Usecase: Nuclear Transmutation 2025

RIKEN, Japan, 2025/03/11

T. Iwamoto, T. Gogami, JLab Hypernuclear Collaboration

Investigation of Λ -N charge symmetry breaking of p-shell hypernuclei with the $(e, e' \text{K}^+)$ reaction spectroscopy

SNP CNS Summer School 2024

RIKEN, Japan, 2024/08/07

Ryotaro Koike

Development of new High-Voltage Electrodes for Multi-gap Resistive Plate Chambers in the MARQ experiments

2025 REIMEI Workshop on phi meson, exotic hadrons, and related topics

Pukyong National University, 2025/02/27-03/01

小池諒太郎

Search for a possible state in ϕN system

Workshop on Hadron physics studies by using high-momentum secondary beams at J-PARC

Osaka, Japan, 2024/08/01-02

Ryoaro Koike

A TOF-tracker MRPC for simultaneous measurements of timing and position at the $\pi 20$ beamline of J-PARC

Spain, 2024/09/09-12

国際会議以外

成木 恵

Measurement of Hadron Mass in Nuclei

52nd International Symposium on Multiparticle Dynamics

Tokyo, Japan, 2024/5/29

堂園 昌伯

原子核の対振動モードとその実験的研究

RCNP 研究会「核子系と電子系における対相関と対凝縮相」・RCNP・

2024/09/09-11

富田 夏希

Measurements of Generalized Parton Distribution functions using lepton
and hadron beam

研究会「EIC で展開する新たな原子核・素粒子物理」・東京大学・

2024/05/30

R. Sekiya for the GSI-s490 collaboration

Missing-mass spectroscopy of $^{12}\text{C}(\text{p},\text{dp})$ reaction to search for η' =mesic
nuclei with the WASA detector at GSI-FRS

RARiS 研究会「実験、反応・構造計算、格子 QCD で解き明かすハド
ロン分光 2024」・東北大学先端量子ビーム科学研究センター・

2024/11/21

原田 健志

J-PARC におけるグザイハイパー核精密分光

日本物理学会第 79 回年次大会・北海道大学・2024/09/18

T. K. Harada

High resolution spectroscopy of Ξ hypernuclei via the $^{12}\text{C}(\text{K}^-, \text{K}^+)$ reaction

J-PARC Symposium 2024

Mito City Civic Center, 2024/10/16

T. K. Harada

High resolution missing-mass spectroscopy of $^{12}\Xi\text{Be}$ with S-2S and AFT (J-
PARC E70)

S-2S workshop

Kyoto Univ. 2024/10/13

土方佑斗

核子当たり 200MeV での ^{132}Sn の陽子弾性散乱測定

日本物理学会第 79 回年次大会・北海道・2024/09/17

K. Ebata et al.

The spectroscopy for the few-body Ξ hypernuclei with lithium target.

S-2S workshop 2024

Kyoto, Japan, 2024/10/03

江端健悟 他

J-PARC におけるグザイハイパー核の高分解能欠損質量分光

未来先端量子技術ワークショップ 2024

Ohgaki, Japan, 2024/9/26

江端健悟 他 J-PARC E75 コラボレーション

J-PARC におけるリチウム標的を用いた少数多体 Ξ ハイパー核の分光実験

日本物理学会第 79 回年次大会・北海道大学・2024/09/18

K. Ebata et al.

Ξ hypernuclear production experiment with the $^7\text{Li}(\text{K}^-, \text{K}^+)\text{reaction}$ (J-PARC E75 Phase-1)

Strong Strange Force and Bound System 2024

Iwaki, Japan, 2024/02/17

長房俊之介 他

ガス飛跡検出器連続読み出し回路基板, SAMIDARE ボードの開発

日本物理学会 第 79 回年次大会・北海道大学・2024/09/18

長房俊之介 他

汎用ガス検出器読み出し基板 SAMIDARE ボードの開発状況

The 3rd Workshop on Signal processing and data acquisition infrastructure (SPADI2025)・RARiS 三神峯事業所・2025/03/24

池水玄

$^{120}\text{Sn}(\alpha, ^6\text{He})^{118}\text{Sn}$ 反応による ^{118}Sn 原子核の対振動モードの探索(2)

日本物理学会第 79 回年次大会・北海道大学・2024/09/18

池水玄

$^{120}\text{Sn}(\alpha, ^6\text{He})^{118}\text{Sn}$ 反応による ^{118}Sn 原子核の対振動モードの探索(3)

日本物理学会 2025 年春季大会・オンライン・2025/03/21

岩本哲平、後神利志、他 for the JLab Hypernuclear Collaboration

JLab において計画する高精度ハイパー核分光実験のトリガー設計

日本物理学会 2024 年秋季大会・北海道大学・2024/09/17

岩井沙彩

☒ ハイパー核精密分光に用いる磁気スペクトロメータ(S-2S)の性能評価

日本物理学会 第 79 回年次大会・北海道大学・2024/09/18

S.Iwai

S-2S resolution study

S-2S workshop 2024・京都大学・2024/10/03

岡崎凜太郎

J-PARC MARQ スペクトロメータで用いるビームファイバー飛跡検出器の性能評価

日本物理学会 2025 年春季大会・オンライン・2025/03/18-21

岡崎凜太郎

シンチレーションファイバー検出器用 MPPC 読み出し回路 CIRASAME の校正と検出器の性能評価

日本物理学会第 79 回年次大会・北海道大学・2024/09/16-19

小池諒太郎

MARQ 実験用 Multi-gap Resistive Plate Chamber のための新素材電極の開発 (II)

日本物理学会 2025 年春季大会・オンライン・2025/03/18-21

小池諒太郎

Multi-gap Resistive Plate Chamber に用いる新素材電極の開発

日本物理学会第 79 回年次大会・北海道大学・2024/09/16-19

中田智也, 他

新しい反跳陽子テレスコープを用いた中重核領域の不安定核における陽子弾性散乱測定

日本物理学会 2025 年春季大会・オンライン・2025/03/18-21

石井大智

X17 粒子観測に向けた DSSD・GAGG を用いたテレスコープの開発

日本物理学会 2025 年春季大会・オンライン・2025/03/21

小倉誠

高強度重イオンビームにおける Xe シンチレータの性能評価

日本物理学会 2025 年春季大会・オンライン・2025/03/21

谷口 智大

Development status of acrylic Cherenkov detector for J-PARC E94 experiment

RARiS 研究会「実験、反応・構造計算、格子 QCD で解き明かすハドロン分光 2024」・仙台・2024/11/20

Y. Hori

Performance evaluation of the threshold type Aerogel Cherenkov detector
for the MARQ spectrometer

2025 REIMEI Workshop on phi meson, exotic hadrons, and related
topics

釜山,韓国, 2025/02/27

堀祐輔

MARQ スペクトロメーターで用いる閾値型エアロゲルチェレンコフ検出器の
性能評価

日本物理学会 2025 年春季大会・オンライン・2025/03/21