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Book of Abstracts
Contents

Construction of OEDO beamline ........................................... 1
Development for re-measurement of isobaric analog resonances of 35Si .... 1
Development of Hf ion beam and of mixed ion beam emittance measurement system ... 1
Dielectron measurements in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV using the PHENIX detector .................................................. 1
Direct mass measurements of neutron-rich Ca isotopes beyond $N = 34$ ...... 1
Experimental study on two-neutron correlation in Borromean nuclei via the (p,pn) reaction with the SAMURAI spectrometer .................. 2
Fundamentals of matrix element for neutrinoless double beta decay ........ 2
Heavy baryon measurements at LHC-ALICE .................................. 2
High intensity heavy-ion beam injection in CNS Active Target (CAT) and measurement of $^{132}$Xe(d,d') ............................................. 2
Interaction of 8B, unstable-loosely-bound, with 208Pb: scattering and breakup ...... 3
Investigation of the octupole correlation of neutron-rich $Z \sim 56$ isotopes by beta-gamma spectroscopy ........................................... 3
Isomer spectroscopy in the vicinity of 56Sc at SHARAQ ........................ 4
Laboratory exercise for undergraduate students .................................. 4
Measurement of dielectrons from charm and bottom quark decays in p-Pb collisions with the ALICE detector ........................................... 4
Microscopic description of shell model Hamiltonian and neutron-rich nuclei .... 4
Momentum distribution of the $\alpha-^{16}$O inter-cluster motion in $^{20}$Ne nucleus ........ 5
New resonances in 34Ar via 30S+alpha elastic scattering .......................... 5
Observation of Ti getter pump effect by a grating monochromator ............ 6
Performance Evaluation of the MICROMEGAS for the Application of the TPC 6
Pressure dependence and long-term stability of effective gas gain of THGEM in deuterium gas ......................................................... 6
Search for a double Gamow-Teller giant resonance in 48Ti via heavy-ion double charge exchange (12C,12Be) reaction

Search for linear-chain cluster states in 14C

Shell Model Study of Triaxial Deformation in Xenon and Barium Isotopes

Shell-model calculation for first-forbidden beta decay in neutron-rich K isotopes

Simulation study of the new energy-degrading beamline, OEDO

Spectroscopic factor of $^{23,25}$F(p,2p) reaction

Spectroscopy of proton single-particle states in oxygen unstable isotopes via the $^8$AO(p,2p) reaction

Spin dipole response of 4He via charge exchange reaction (8He,8Li*(1+))

Structure of Be isotopes based on Monte Carlo shell model with $N_{shell} > 4$ model space

Study of Track Finding Algorithm for CNS Active Target

Study of unnatural-parity states in neutron-rich Cr and Fe isotopes by large-scale shell-model calculations

THE PERFORMANCE OF THE PEPPER-POT EMMITTANCE MONITOR

Tetraneutron state populated by the 4He(8He,8Be) reaction

The 13th CNS International Summer School (CNSSS14)

The parity-transfer (16O,16F) reaction for studies of the spin-dipole 0- mode

Two particle correlation of v0 particles in pPb collisions with the ALICE detector

Upgrade of the TPC Readout Control Unit for Run2
Construction of OEDO beamline

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Development for re-measurement of isobaric analog resonances of 35Si

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Development of Hf ion beam and of mixed ion beam emittance measurement system

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Dielectron measurements in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV using the PHENIX detector

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Direct mass measurements of neutron-rich Ca isotopes beyond $N = 34$

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Experimental Nuclear Physics: Low and Intermediate Energies / 19

Experimental study on two-neutron correlation in Borromean nuclei via the (p,pn) reaction with the SAMURAI spectrometer

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Theoretical Nuclear Physics / 17

Fundamentals of matrix element for neutrinoless double beta decay

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Experimental Nuclear Physics: ALICE Experiment at LHC-CERN / 4

Heavy baryon measurements at LHC-ALICE

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Accelerator and Instrumentation / 26
High intensity heavy-ion beam injection in CNS Active Target (CAT) and measurement of 132Xe(d,d')

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Experimental Nuclear Physics: Low and Intermediate Energies / 32

Interaction of 8B, unstable-loosely-bound, with 208Pb: scattering and breakup

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Experimental Nuclear Physics: Low and Intermediate Energies / 25

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Experimental Nuclear Physics: Low and Intermediate Energies / 16

Isomer spectroscopy in the vicinity of 56Sc at SHARAQ

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Other Activities / 27

Laboratory exercise for undergraduate students

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Experimental Nuclear Physics: ALICE Experiment at LHC-CERN / 24

Measurement of dielectrons from charm and bottom quark decays in p-Pb collisions with the ALICE detector

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Theoretical Nuclear Physics / 21

Microscopic description of shell model Hamiltonian and neutron-rich nuclei

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Momentum distribution of the $\alpha-^{16}\text{O}$ inter-cluster motion in $^{20}\text{Ne}$ nucleus

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New resonances in $^{34}\text{Ar}$ via $^{30}\text{S}+\alpha$ elastic scattering

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Accelerator and Instrumentation / 11

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Experimental Nuclear Physics: Low and Intermediate Energies / 6

Search for a double Gamow-Teller giant resonance in 48Ti via heavy-ion double charge exchange (12C,12Be) reaction

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Experimental Nuclear Physics: Low and Intermediate Energies / 13

Search for linear-chain cluster states in 14 C
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Shell Model Study of Triaxial Deformation in Xenon and Barium Isotopes

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Theoretical Nuclear Physics / 12

Shell-model calculation for first-forbidden beta decay in neutron-rich K isotopes

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Experimental Nuclear Physics: Low and Intermediate Energies / 2

Spectroscopic factor of $^{23,25}$F(p,2p) reaction

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Experimental Nuclear Physics: Low and Intermediate Energies / 31

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Experimental Nuclear Physics: Low and Intermediate Energies / 8

Spin dipole response of 4He via charge exchange reaction (8He,8Li*(1+))

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Accelerator and Instrumentation / 23

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Theoretical Nuclear Physics / 30

Study of unnatural-parity states in neutron-rich Cr and Fe isotopes by large-scale shell-model calculations

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Tetraneutron state populated by the $^{4}\text{He}$(8He,8Be) reaction

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Experimental Nuclear Physics: Low and Intermediate Energies / 20

The parity-transfer ($^{16}\text{O},^{16}\text{F}$) reaction for studies of the spin-dipole 0- mode

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Experimental Nuclear Physics: ALICE Experiment at LHC-CERN / 10

Two particle correlation of $\nu_0$ particles in pPb collisions with the ALICE detector

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Experimental Nuclear Physics: ALICE Experiment at LHC-CERN / 0

Upgrade of the TPC Readout Control Unit for Run2

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