7.3 ACADEMIC THESES

DOCTOR THESES

1. Hiroko Ichie
   RCNP, Osaka University
   Dual Higgs Theory for Color Confinement in Quantum Chromodynamics

2. Masanori Kawabata
   RCNP, Osaka University
   A Study of Nucleon-Nucleon Interaction in Nuclei through s-state Proton Knockout Reaction

3. Ryuta Hazama
   Osaka University
   DARK MATTER SEARCH WITH CaF_2 SCINTILLATOR

4. Hiroshi Masui
   Osaka University
   Monte-Carlo Study of Bound States in Few-Nucleon System
   – Method of Contiued Fractions –

MASTER THESES

1. Seiichirou Ariyoshi
   RCNP, Osaka University
   Phase Monitor with Sampling Electronics for the RCNP Ring Cyclotron

2. Takuyuki Endo
   RCNP, Osaka University
   Study of Betatron Frequency Controls Using Radio-Frequency-Quadrupole (RFQ) Electric Field

3. Tetsufumi Iki
   RCNP, Osaka University
   Development of High Brightness Ion Source for the Measurement of Solar Fusion Reaction

4. Masashi Kato
   RCNP, Osaka University
   High Energy Radiative Processes in Proton-Proton Interactions at 392 MeV

5. Yoshiaki Koma
   RCNP, Osaka University
   Color Confinement and Flux-Tube Physics based on Dual Ginzburg-Landau Theory

6. Yuichiro Sasaki
   RCNP, Osaka University
   Nondestructive Current Monitor for Low-Intensity Beams

7. Ken'ichiro Takanashi
   RCNP, Osaka University
   Development of Laser-Electron-Photon Tagging System at SPring-8
8. Hidetomo Yoshida
   RCNP, Osaka University
   Development of Focal Plane Polarimeter for the study of N–N interaction in nuclei by ($\vec{p}$,$p\vec{p}$) reaction
9. Hirohiko Fujita
   Osaka University
   Matching Methods between Spectrometer and Beamline for the Achievement of High Resolutions
10. Hiromasa Hongo
    Kyoto University of Education
    Cluster structures in light nuclei
11. Takahiro Kawabata
    Kyoto University
    The measurement of polarization transfer observables in the ^{28}Si(p,p') reaction at $\vartheta = 0°$
12. Sachie Shiomi
    Osaka University
    Estimation of Background from Radioactivities in Constructing Materials of ELEGANT VI
13. Eiji Sugiura
    Hiroshima University
    Study of the correlation between instantons and U(1) monopoles on a lattice
14. Takeshi Takeuchi
    Konan University
    Development of Pulsed Laser for Polarized ^{3}He Ion Source
15. Tomoko Taki
    Kyoto University
    Measurement of Spin Rotation Parameters in Proton Elastic Scattering from ^{58}Ni at E_p=300 MeV
16. Sayaka Tanimoto
    Osaka University
    Development of Spin-Polarized Unstable Nuclear Beams
17. Harufumi Tsuchiya
    Nagoya University
    Observation of Solar Neutrons by using the International Observation Network
18. Takashi Umeda
    Hiroshima University
    Scaling analysis of a improved lattice action

19. Junko Usukura
Niigata University
Study of Coulomb Bound Systems by Stochastic Variational Method with Correlated Basis Function