7.3 ACADEMIC THESES

DOCTOR THESES

1. Masayuki Aikawa
   Hokkaido University
   ^{24}Mg Depletion Problem in the Globular Cluster Red Giants

2. Kazuhisa Amemiya
   RCNP, Osaka University
   Non-perturbative Properties of Gluons in the Maximally Abelian Gauge

3. Izuru Daito
   RCNP, Osaka University
   Gamow-Teller Strengths from Charge-Exchange Reactions on Light Nuclei and Mirror Asymmetry in the $A = 10$ System

4. Toru Inomata
   RCNP, Osaka University
   Microscopic Structure of Excited States in ^{12}B and ^{12}N

5. Kyo Kume
   RCNP, Osaka University
   Double Beta Decays of ^{116}Cd Studied by ELEGANT V

6. Hideki Madokoro
   Kyushu University
   Relativistic Mean Field Study of Nuclear Collective Rotation

7. Masanori Miyama
   Saga University
   Q^2 dependence of transversity distributions and sea-quark flavor asymmetry

8. Atsunori Tanaka
   RCNP, Osaka University
   Lattice QCD Study for Monopole Condensation in the Dual Gauge Formalism

9. Kouji Tominaga
   Division of Environmental Sciences, Graduate School of Science and Engineering, Ehime University
   YN and YY Interactions in an OBE model and Hypernuclei

10. Hiroki Yoshida
    Department of Nuclear Engineering, Kyushu University
    Development of stacked GSO(Ce) spectrometer for measurements of (p,p$'x$) reactions at 400 MeV

11. Yoshimasa Yuasa
    RCNP, Osaka University
    The proton-proton bremsstrahlung at intermediate energy region

MASTER THESES

1. Satoko Hino
   Saga University
   Structure functions in polarized proton-deuteron Drell-Yan processes

2. Yuichi Kanzaki
   Dept. Physics, Osaka University
   Isospin Structure of $A = 26$ Nuclei Studied through the Comparison of ^{26}Mg(p,p') and ^{26}Mg$(^3$He$,t)$ Reactions

3. Takahito Kusuda
   Division of Material Sciences, Graduate School of Science and Engineering, Ehime University
   $\pi - \pi$ Interaction in the $I = 0$ System

4. Takayuki Matsuzuka
   Department of Physics, Osaka University
   Measurement of radiative processes in proton-proton scattering with GSO scintillator

5. Takeshi Matsumura
   Department of Physics, Osaka University
   Measurement of the detection inefficiency for photons of energies 90 to 1000 MeV

6. Shizu Minami
   Department of Physics, Osaka University
   Performance of SSD and Collimator for the p n $\rightarrow$ p Λ experiment

7. Tomohito Mori
   Department of Physics, Osaka University
   Performance of CDC for the p n $\rightarrow$ p Λ experiment

8. Satoshi Nakaso
   RCNP, Osaka University
   Development study of a high-performance quadrupole magnet

9. Emi Obayashi
   RCNP, Osaka University
   Study of Nuclear Interactions in Nuclei by (p,2p) Reactions

10. Tadahiro Oishi
    RCNP, Osaka University
    Development study of a high-performance dipole magnet

11. Toshiyuki Oki
    RCNP, Osaka University
    Slow Beam Extraction by RFQ Electric Field

12. Takahiro Sogame
    Division of Material Sciences, Graduate School of Science and Engineering, Ehime University
    $\pi - \pi$ Interaction in the $I = 2$ System

13. Satoru Sugimoto
    RCNP, Osaka University

Triaxial Deformation of Proton-Rich Xe Region Nuclei in the Relativistic Mean Field Theory

14. Mizuki Sumihama
Department of Physics, Osaka University
Energy Calibration and Stability of NaI Detectors for the Measurement of Spin-Orbit Splitting of ${}^{13}_{\Lambda}$C

15. Miho Takayama
RCNP, Osaka University
SU(3) Baryon Spectra and Deformed Oscillator Quark Model

16. Yasuhiro Tanaka
Department of Physics, Osaka University
Neutron Background for Dark Matter Search with ELEGANT VI

17. Kentaro Yako
University of Tokyo
Study of Effective NN Interaction in Nuclei via the ^{28}Si$(p,n)^{28}$P(6^-) Reaction at 295 MeV

18. Yoshiki Yamamoto
Konan University
Neutron decay fron ΔS=1 and ΔS=0 isovector states excited by the ^{12}C(^{7}Li^{7}Be, γ)^{12}B reaction at 65 MeV/nucleon

19. Tadashi Yamanaka
RCNP, Osaka University
Solar Neutrino Detection Rate studied by the ^{176}Yb, ^{160}Gd(^{3}He,t) reactions at 450 MeV

20. Yoshihiro Yokota
RCNP, Osaka University
Performance test of a cylindrical drift chamber

21. Sei Yoshida
RCNP, Osaka University
Search for WIMPs with the Large Volume NaI(Tl) Scintillators of ELEGANT V