8.3 COLLOQUIA at RCNP

1. **Precision Experiments with Relativistic Heavy Ions at the FRS-ESR Facilities** (April 7, 1998)
   Hans Geissel, GSI, Darmstadt, Germany

2. **Supernova Core and Nuclear Physics** (April 8, 1998)
   Hideyuki Suzuki, KEK-IPNS

3. **Experimental Possibility for Compton Back Scattering of X-Photons from 8-GeV Electrons** (April 22, 1998)
   V. Nelyubin, RCNP & PNPI, Gatchina, Russia

4. **(p,n)-Like and (n,p)-Like Charge-Exchange Reactions** (April 30, 1998)
   J. Jänecke, RCNP & University of Michigan

5. **Dynamics of Relativistic High-Z Ion–Atom Collisions** (May 19, 1998)
   Piotr Rymuza, Soltan Institute for Nuclear Studies, Swierk, Poland

6. **Low-Lying Collective Dipole Modes and Isovector Excitations in the Valence Shell of Heavy Nuclei** (May 20, 1998)
   Norbert Pietralla, University of Koeln

7. **Solar neutrino problem and New solar neutrino detectors** (June 11, 1998)
   R.S. Raghavan, Bell Laboratories, Lucent Technologies, U.S.A.

8. **Neutrino Reaction Rate in Nuclear Matter and Supernova Explosion** (June 16, 1998)
   Shoichi Yamada, Department of Physics, University of Tokyo

9. **Vector Meson PhotoProduction at High Energy** (June 18, 1998)
   Valadimir Dmitriev, Budker Institute of Nuclear Physics, Novosbirsk, Russia

10. **Emulation of an Event Using the ATM Local Area Network of RCNP** (June 25, 1998)
    Denis Calvet, RCNP, on leave absence from CEA Saclay

11. **Search for Higgs Bosons at LEP** (July 1, 1998)
    Dezso Horvath, Research Institute for Particle and Nuclear Physics, Budapest, Hungary

12. **Proton induced pion-production reaction on complex nuclei** (July 30, 1998)
    Kenji Kume, Faculty of Science, Nara Women's University

13. **RCNP for Me (Final Lecture)** (August 21, 1998)
    Akira Shimizu, Reserch Center for Nuclear Physics, Osaka University

14. **Introduction of SINR and Perspective of Research Activities in Future** (August 25, 1998)
    Zhiyuan Zhu, Shanghai Institute of Nuclear Research, Cinese Academy of Sciences

15. **Super- and Hyperdeformed States in the Actinide Region** (August 28, 1998)
    A. Kraznahorkay, Institute of Nuclear Research, (ATOMKI) Debrecen, Hungary

16. **High Luminosity Electron Nucleon Collider for the High Energy Physics** (September 17, 1998)
Dmitri Pestrikov, KEK / Budker Institute of Nuclear Physics, Novosibirsk

17. **Hyperpolarized Noble Gas MRI** (September 28, 1998)
Mitchell Albert, Department of Radiology, Brigham and Women's Hospital, Harvard Medical School

18. **Heavy Ion Nuclear Reactions near Coulomb Barrier** (October 9, 1998)
Y. Sugiyama, Advanced Science Research Center, JAERI

19. **Chiral Unitary Approach to Meson-Meson and Meson-Baryon Interaction: Experimental Implications for SPring-8** (October 22, 1998)
Eulogio Oset, Deparatmento de Fisica Teorica, Universedad de Valencia, Spain

20. **MACHO Search — On the MOA Project** (Novemver 13, 1998)
Yasushi Muraki, STE Lab., Nagoya University

21. **Progress of the Research of Physics in IMP** (Novemver 16, 1998)
Jin Genming, Institute of Modern Physics, Lanzhou

22. **Dynamic Nuclear Polarization at High Temperature for Polarized Proton Target** (Novemver 16, 1998)
Masataka Iinuma, ADSM, Hiroshima University

23. **The GDH Experiment at MAMI** (Novemver 19, 1998)
Andreas Thomas, University Mainz

24. **A polarized target for spin transfer measurements on the reaction $\bar{p}p \rightarrow \bar{\Lambda}\Lambda$** (Novemver 19, 1998)
Gerhard Reicherz, Rhur- University of Bochum

25. **A Pilot Experiment with Reactor Neutrino in Taiwan** (Decemver 7, 1998)
Sun-Chong Wang, Institute of Physics, Academia Sinica, Taipei

26. **Experiment at COSY** (Decemver 10, 1998)
Kurt. Kilian, F.Z. Juelich

27. **Evidence for Large Charge Symmetry Violation in the Nucleon Sea** (Decemver 11, 1998)
A.W. Thomas, Adelaide

28. **Evidence for pnn** (Decemver 21, 1998)
Steve Kettell, BNL

29. **Theoretical Study of NN $\rightarrow$ Λ+N Weak Transition Close to Threshold** (Decemver 22, 1998)
Assum Parreño, Barcelona and INT. Seatle

30. **Spin Transfer Coefficients at the Intermediate Energies** (January 20, 1999)
B.T. Kim, Sunbkyukwan Univ., Suwon, Korea

31. **Particle Ratios in Pb + Pb Collisions at the CERN-SPS — Quest for Qurak Gluon Plasma —** (February 12, 1999)
Masashi Kaneda, Hiroshima University

32. **Double Beta Decay and Neutrino Properties** (February 12, 1999)
O. Civitarese, University of La Plata, Argentina

33. **The Polarized HERA Project** (February 16, 1999)
Albert de Roeck, DESY, Germany

34. **Aharonov - Bohm Effect and Short Strings in QCD** (February 17, 1999)
M. Polykarpov, ITEP, Moscow

35. **T=3/2 States of A=11 Nuclei** (February 25, 1999)
D.J. Millener, Brookhaven National Laboratory

36. **Concerning the Scientific Studies for the 21st Century - What I learned from the nuclear physics and QED/QCD - (Final Lecture)** (March 1, 1999)
Yoshiyuki Mizuno, RCNP, Osaka University

37. **Changing Nuclear Physics with RI Beam** (March 16, 1999)
Isao Tanihata, RIKEN