

**SPIN2000**  
**14th International Spin Physics Symposium**

The Fourteenth International Spin Physics Symposium, SPIN2000, was held October 16-21, 2000 at the convention center in the Osaka University campus. The symposium was supported by the International Union of Pure and Applied Physics, IUPAP. The symposium was hosted by Research Center for Nuclear Physics, RCNP, Osaka University, and was sponsored by the COE (Center of Excellence) conference fund of the Japanese government.

The present 14th International Spin Physics Symposium is the first combined symposium of the high energy spin physics symposium and the nuclear polarization conference. The present spin physics symposium aimed at discussions on new developments of the particle and nuclear spin physics. Interesting results of experimental and theoretical works were discussed on spin structures and spin dynamics of hadrons and nuclei and on electro-weak and QCD. New technical developments were presented for spin polarization experiments. The first data from RHIC with high energy polarized protons, and those from RCNP/SPRING-8 with multi-GeV polarized photons were shown. An impressive speech on the spin physics developments was given at the banquet by Prof. E.D. Courant, the honorary member of the international committee.

The subjects discussed were:

1. Symmetries and spin I  
(P, T, CP, atoms, neutrons, beta decay, neutrinos)
2. Symmetries and spin II  
(high energy probes, meson and lepton decays)
3. Spin structure of nucleons
4. Spin physics and hadrons  
(spin structure of hadrons, hadron spectroscopy, hyperons, hyper-nuclei)
5. Spin physics with photons and electrons
6. Spin physics in nuclei  
(few body systems, nuclear reactions, nuclear structure, polarized unstable nuclei)
7. Polarized beams and polarimeters
8. Polarized ion sources and polarized targets
9. Applications  
(NMR, fusion, others)

The participants were nearly 300 from 17 countries. The symposium consisted of 12 plenary sessions with 29 invited talks, 24 parallel sessions with 111 oral presentations of the contributions, and 2 poster sessions with 112 contributed papers. One plenary session was dedicated to the late Prof. Lazarus G. Ratner for his great contributions to spin physics.

**Host Institute:** Research Center for Nuclear Physics (RCNP), Osaka University

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