The APCTP-RCNP Joint International School on Physics of Hadrons and QCD

The APCTP-RCNP Joint International School on Physics of Hadrons and QCD was held at Research Center for Nuclear Physics (RCNP) in Osaka University, Osaka, Japan on October 12 and 13, 1998. The School is immediately followed by the 1998 YITP Workshop on QCD and Hadron Physics, which was held at Yukawa Institute for Theoretical Physics in Kyoto University, Kyoto, Japan from October 14 to 16, 1998.

The purpose of the School was to study recent topics in QCD and hadron physics from various points of view. The subjects included perturbative and nonperturbative aspects of QCD, chiral effective theory in hadron physics and high temperature and density nuclear matter physics.

Another purpose of the School was to enhance communications and collaborations among researchers in the Asia and Oceania region. Nowadays the situation of physics research changes rapidly around us, especially in the Asia and Oceania areas, and many productive collaborations are in progress at personal and institutional levels. Many exciting discussions were exchanged and fruitful collaborations were started among the participants on the current interesting topics and future perspectives.

The School consisted of the six lectures by the most active physicists invited from Asia, Europe and the US areas:

J. Verbaarschot(Stony Brook)	Random Matrix Theory and QCD at nonzero Temperature and Chemical Potential
R. J. Perry (Ohio State)	Light-front QCD
M. Rho (Saclay)	Chiral symmetry in nuclear physics
T. Blum (RIKEN-BNL)	Domain Wall Formalism in Lattice QCD
Y. Koike (Niigata)	Spin structure of the nucleon and perturbative QCD
H. Toki (RCNP)	Physics at RCNP

About 90 researchers and students participated in the school from 8 countries (Japan, Korea, Hong Kong, India, Australia, US, France, Russia).

The Conference Proceedings has been published by World Scientific Publishing Co. as a combined volume with the proceedings of the YITP-workshop.

The School was hosted by the Asia Pacific Center for Theoretical Physics (APCTP), Seoul, Korea and Research Center for Nuclear Physics (RCNP) in Osaka University as a joint international school.

The organizers thank generous supports to the School from APCTP and RCNP. We especially thank Prof. Y.M. Cho and Prof. H. Toki for their efforts to realize the Joint International School of the two institutes. We would like to thank all the Committee members, speakers and the participants who made the substantial contribution for the fruitful and the successful Conference.

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

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