

## The Seventh International Topical Conference on Giant Resonances (GR2000)

The GR2000 conference on Giant Resonances was held at Icho Kaikan of Osaka University during the period of June 12-15, 2000. In the past, the GR conferences were held at Oak Ridge (1979), Legnaro (1987), Gull Lake (1993), Groningen (1995), Varenna (1998). The GR2000 conference was organized as one of the scientific activities of Research Center for Nuclear Physics, since many experimental results on the studies of the giant resonances in nuclei have been obtained at RCNP. The conference covered new developments toward deeper understanding and application of the giant resonances of nuclei. Subjects to be covered in the GR2000 conference were;

1. Isoscalar and Iovector Giant Resonances in stable and unstable nuclei
2. Spin Giant Resonances
3. Rotational Motions
4. Giant Resonances on Highly Excited States
5. Giant Resonances and Nuclear Neutrinos Responses
6. Excitation and Decay of Giant Resonances
7. Astrophysics Aspects of Giant Resonances
8. New Facilities to investigate new aspects of Giant Resonances.

The conference program consisted of 15 plenary scientific sessions, and 50 invited papers were presented. About 130 experimental and theoretical physicists participated in the GR2000 conference. The subjects discussed were studies of giant monopole, dipole, quadrupole resonances in stable and unstable nuclei, multiphonon giant resonances, spin-isospin excitations in charge-exchange reactions, giant resonances in hot rapidly-rotating nuclei and unstable nuclei, decays and dumping of giant resonances, giant resonances related to particle and astrophysics problems, new facilities and related fields. Speakers covered the various subfields of giant resonance studies, which are still actively explored in the world. Our pleasure is the fact that we had lively and hot discussions after each oral presentations. All the participants in the conference enjoyed to join and hear the discussions, and could recognized new problems addressed as future subjects.

### Organizing Committee

H. Ejiri (RCNP/JASRI)	Chairperson
M. Fujiwara (RCNP/JAERI)	Co-Chairperson
T. Wakasa (RCNP)	Scientific Secretary
H. Horiuchi (Kyoto)	
J. Kasagi (Tohoku)	
K. I. Kubo (TMU)	
S. Nakayama (Tokushima)	
M. Nomachi (RCNP)	
T. Otsuka (Tokyo)	
H. Sagawa (Aizu)	

Host Institute

Research Center for Nuclear Physics