

**ADRIATIC INTERNATIONAL CONFERENCE  
ON NUCLEAR PHYSICS**

**FRONTIERS .  
OF  
HEAVY-ION PHYSICS**

**Dubrovnik, Croatia, Yugoslavia  
June 15-19, 1987**

**CONTRIBUTED PAPERS**

**Edited by R. Čaplar  
N. Cindro  
M. Korolija**

**Zagreb, June 1987**

The Adriatic International Conference on Nuclear Physics, Frontiers of Heavy-Ion Physics, is organized by the Nuclear Spectroscopy Laboratory, Department of Physics, Rudjer Bošković Institute, 41001 Zagreb, Croatia, Yugoslavia.

The Conference is sponsored by

The Union of Scientific Communities of Yugoslavia  
(Savez zajednica za naučne djelatnosti u SFRJ)

The Scientific Community of the Republic of Croatia  
(Republička zajednica za znanost SR Hrvatske)

The Union of Societies of Mathematicians, Physicists  
and Astronomers of Yugoslavia  
(Savez udruženja matematičara, fizičara i astronoma  
Jugoslavije)

Internationales Büro der Kernforschungsanlage Jülich,  
Jülich, F.R. Germany

The International Centre for Theoretical Physics,  
Trieste, Italy

Conference organization

Nikola Cindro, Rudjer Bošković Institute, Zagreb,  
Chairman

Walter Greiner, University of Frankfurt,  
Scientific Adviser

Roman Čaplar, Rudjer Bošković Institute, Zagreb,  
Secretary

Zoran Basrak, Rudjer Bošković Institute, Zagreb

Milorad Korolija, Rudjer Bošković Institute, Zagreb