

6th Research Conference on
Electromagnetic Interactions with Nucleons and Nuclei (EINN 2005)

Milos island, Greece, 19-24 September 2005

The Conference continues the series of EINN meetings previously held on the island of Santorini in Greece. It will focus on recent results in the physics of hadrons and nuclei, emphasizing studies of their internal quark-gluon structure. Recent measurements using electromagnetic and other probes will be discussed in the light of theoretical and phenomenological analyses as well as lattice QCD studies.

The aim is to have fruitful discussions involving experimentalists and theorists with a background in nuclear and particle physics as well as in hadron physics. Young physicists are especially encouraged to attend and present a talk or poster. No proceedings will be produced, in the tradition of Gordon and Euroconferences, in order to encourage the exchange of frank and even tentative information.

Program outline

19-20 September 2005: Two topical workshops in parallel

A "New hadrons: Facts and Fancy"

Convenors: Volker Burkert (JLab) and Frank Close (Oxford)

B "Physics and technology frontiers of facilities for hadron physics"

Convenors: Richard Milner (MIT) and Frank Rathmann (Juelich)

21-24 September 2005: **EINN 2005 Plenary Conference**

Introductory talks:

Michel Garcon (Saclay): *Experimental probes of hadron structure*

Wolfram Weise (Munich): *Probing QCD in the confinement domain*

Invited and Contributed talks on topics which include:

- Hadron structure
- Exclusive form factors
- Deeply virtual processes
- Spin dependence
- Parity violation, EW tests and strangeness
- Correlations in Hadronic and Nuclear systems
- Energy loss in cold and hot matter
- Transparency, shadowing and diffraction

There will also be a poster session. For further information and updates please consult the EINN home page : http://www.iasa.gr/EINN_2005/index.html

Paul Hoyer, Chair
International Organizing Committee

Costas N. Papanicolas, Chair
Local Organizing Committee