NSP13

Symposium on Nuclear Structure Physics with Advanced Gamma–Detector Arrays

June 10–12, 2013

Padova, Italy

THIRD CIRCULAR

The Symposium on Nuclear Structure Physics with Advanced Gamma–Detector Arrays, NSP13, will be held June 10–12, 2013 in Padova, Italy.

The Symposium is dedicated to the memory of Enrico Farnea.

SCOPE AND TOPICS

The aim of the NSP13 Symposium is to discuss the present status and the perspectives of the nuclear structure investigation by means of gamma–ray spectroscopy and to promote the exchange of ideas. New gamma–ray arrays are being developed to afford the new challenges with the aim of understanding the most intimate structure of the nuclei under extreme conditions. The Symposium topics include:

- Nuclear structure at extremes of isospin, mass, angular momentum and excitation energy
- Collective phenomena and symmetries
- Exotic decay modes
- Challenges in modern nuclear theory
- Aspects of nuclear astrophysics
- State of the art detectors

The list of invited speakers: D. Bucurescu (Bucharest), F. Camera (Milano), A. Dewald (Koeln), P. Doornenbal (RIKEN), G. De France (GANIL), G. Georgiev (Orsay), J. Gerl (GSI), P. Greenlees (Jyvaskyla), M. Jentschel (Grenoble), T. Kroell (Darmstadt), I-Y. Lee (Berkeley), S. Lenzi (Padova), S. Leoni (Milano), S. Nishimura (RIKEN), A. Petrovici (Bucharest), A. Poves (Madrid), V. Soma (Darmstadt), D. Weisshaar (MSU), W. Zhimin (TRIUMF), A.P. Zuker (Strasbourg)

PROGRAM

The program of the Symposium is based on invited talks and oral contributions. Invited talks are 30 minutes long including 5 minutes of discussions. Oral contributions are 20 minutes long including 5 minutes of discussions and 15 minutes long including 3 minutes of discussions.

The Symposium will open on Monday June 10 at 8:45 and it will close on Wednesday June 12 at 13:30. The program of the Symposium can be found at http://nsp13.pd.infn.it

Lectures will be held in the *Archivio Antico* hall (on Monday June 10th) and in the *Aula Nievo* hall (on Tuesday June 11th and Wednesday June 12th). Both lecture halls can be reached from the Old Courtyard (*Cortile Antico*) of the *Palazzo del Bo'*.

Visit to the Legnaro National Laboratory
On June 11 the second afternoon session will include a visit to the Legnaro National Laboratory. The transfer to the laboratory will be organized. After the visit the participants will be transferred to the restaurant for the social dinner. The transfer from the restaurant to Padova will also be organized.

SYMPOSIUM VENUE

The Symposium will be held in Padova. Padova is located, about 30 km west of Venice, easily accessible by plane, train or car. The Symposium will be hosted in the historical building of the University of Padova, *Palazzo del Bo`*, located in the city center within walking distance of the major monuments of the city.
To reach Padova, the nearest airport is the international airport "Marco Polo" in Venice (at about 40 km). Padova can then be easily reached from there by train or by bus. Detailed information on how to reach Padova can be found on the Symposium's web page.

SOCIAL EVENTS

Welcome cocktail
A Welcome cocktail will be organized in the evening of Sunday, June 9 starting from 18:00. The Welcome cocktail will be held at *Caffè Pedrocchi* in the city center of Padova, a coffee house founded in the 18th century and also known as the *caffè* with no doors.

Social dinner
The Social dinner will take place on June 11, starting from 20:00, at the *Baretta* restaurant in Legnaro, at walking distance from the Legnaro National Laboratory. The restaurant is in a historical building of the 16th century with fresco painting on the walls and floors in the Venetian style.

Visit to the Palazzo del Bo'
A guided tour to the *Palazzo del Bo'* will be organized in the afternoon of June 12 starting from 14:25.

REGISTRATION FEE

The registration fee covers the participation to the conference sessions, the book of abstracts, coffee breaks, welcome cocktail and conference dinner. For those who could not transfer the fees in advance, payment in cash at the registration desk is organized.

CORRESPONDENCE

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FURTHER INFORMATION

Updated information on the Symposium can be found on the web page http://nsp13.pd.infn.it