

## Symposium on Nuclear Structure Physics with Advanced Gamma–Detector Arrays

June 10–12, 2013

Padova, Italy

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### SECOND CIRCULAR

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

#### 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 among the participants. 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

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

#### PROGRAM

The program of the Symposium will be based on invited talks and oral contributions selected from submitted abstracts. **The deadline for abstract submission is April 15, 2013.**

The Symposium will start on the morning of Monday June 10 and it will finish on Wednesday June 12 at lunch.

### **Visit to the Legnaro National Laboratory**

On June 11 the second part of the afternoon session will be dedicated to visiting the Legnaro National Laboratory.

## **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`. The University of Padova is one of the oldest in the world. Founded in 1222 as an expression of the will to defend the freedom of thought and teaching, the University of Padova remained over the time faithful to its motto *Universa Universis Patavina Libertas*.

The Symposium venue, Palazzo del Bo`, is located in the city centre 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**

A welcome cocktail will be organized in the afternoon of Sunday, June 9. The Social Dinner will take place on June 11. A guided tour to the Palazzo del Bo` will be organized in the afternoon of June 12.

## **REGISTRATION AND ABSTRACT SUBMISSION**

Those wishing to participate at the Symposium are kindly invited to register by using the registration form available on the web page before **May 15, 2013**. The registration fee covers the participation to the conference sessions, the book of abstracts, coffee breaks, welcome cocktail and conference dinner. The deadline for paying the fee of **€130** is **May 24, 2013**. Instructions on how to pay the fee are given in the registration form.

## **IMPORTANT DATES**

- Symposium registration: before May 15, 2013
- Deadline for abstracts submission: April 15, 2013
- Contributors notification: May 2, 2013

## **ACCOMMODATION**

A list of hotels downtown Padova, most of them within walking distance of the Symposium venue, can be found on the symposium's web page.

## **CORRESPONDENCE**

Please address all correspondence by electronic mail to: [nsp13@pd.infn.it](mailto:nsp13@pd.infn.it)

### **SECRETARIAT**

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## **FURTHER INFORMATION**

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