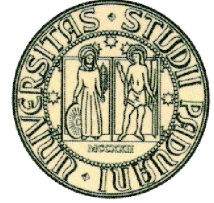




**NSP13**



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

June 10–12, 2013

Padova, Italy

---

### **FIRST 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. Present and forthcoming large radioactive and high–intensity stable beam facilities are opening new perspectives for the gamma–ray spectroscopy. 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 discussions will address some of the most stimulating nuclear structure topics related to:

- 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

This is a satellite event of the International Nuclear Physics Conference to be held June 2–7, 2013 in Firenze ([www.inpc2013.it](http://www.inpc2013.it)).

## 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 5, 2013.** Information regarding the abstract selection will be notified to the contributors by May 2, 2013.

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

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

The afternoon session on June 11 will be dedicated to visiting the Legnaro National Laboratory.

## SOCIAL EVENTS

The Social Dinner will take place on June 11. Guided tours to the Palazzo del Bo' will be organized in the afternoon of June 12.

## 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 by 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 web page.

## REGISTRATION AND ABSTRACT SUBMISSION

Participants are invited to register by using the registration form available on the web page from **January 16 to 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: from January 16 to May 15, 2013
- Abstract submission opening: January 16, 2013
- Deadline for abstracts submission: April 5, 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 web page.

## **CORRESPONDENCE**

Please address all correspondence by electronic mail to:

e-mail: [nsp13@pd.infn.it](mailto:nsp13@pd.infn.it)

NSP13 Conference Secretariat  
Mrs. Annarosa Spalla, Mrs. Paola Zenere  
INFN Padova  
Via F. Marzolo 8  
I-35131 Padova (Italy)  
fax: +39-049-8762641  
phone: +39-049-9677204 (Mrs. A. Spalla)

## **WEB PAGE**

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

## **ORGANIZATION**

### **Local Organizing Committee**

Calin A. Ur (chair) (*INFN, Padova*)  
Giacomo de Angelis (*INFN LNL, Legnaro*)  
Dino Bazzacco (*INFN, Padova*)  
Enrico Farnea (*INFN, Padova*)  
Silvia M. Lenzi (*University and INFN, Padova*)  
Santo Lunardi (*University and INFN, Padova*)  
Roberto Menegazzo (*INFN, Padova*)  
Daniele Mengoni (*University of Padova*)  
Daniel R. Napoli (*INFN LNL, Legnaro*)  
José Javier Valiente-Dobón (*INFN LNL, Legnaro*)

**Secretariat**

Annarosa Spalla (*INFN, Padova*)

Paola Zenere (*University of Padova*)

**International Advisory Committee**

Angela Bracco (*University and INFN, Milano, Italy*)

Bo Cederwall (*KTH, Stockholm, Sweden*)

Alexandra Gade (*MSU, USA*)

Andres Gadea (*IFIC, Valencia, Spain*)

Francesco Iachello (*University of Yale, USA*)

Rauno Julin (*University of Jyvaskyla, Finland*)

Reiner Kruecken (*UBC, Canada*)

Augusto O. Macchiavelli (*LBNL, USA*)

Nicolae M. Marginean (*IFIN-HH, Bucharest, Romania*)

Nilberto H. Medina (*USP, Sao Paulo, Brazil*)

Frederic Nowacki (*IPHC and ULP, Strasbourg, France*)

Peter Reiter (*University of Koln and IKP, Koln, Germany*)

Hiroyoshi Sakurai (*RIKEN, Japan*)

Olivier Sorlin (*GANIL, Caen, France*)

Robert Wadsworth (*University of York, UK*)