



**Nuclear Spectroscopy Instrumentation Network  
NUSPIN 2018 Workshop  
and  
AGATA Town Meeting  
Valencia, Spain, June 25<sup>th</sup> – 29<sup>th</sup>, 2018**

**FIRST CIRCULAR**

We have the pleasure to announce that this year's Workshop of the Nuclear Spectroscopy Instrumentation Network of ENSAR2, NUSPIN 2018, together with the AGATA Physics Town Meeting, will take place at IFIC, Valencia (Spain), on June 25<sup>th</sup> – 29<sup>th</sup>, 2018.

**SCOPE AND TOPICS**

The Nuclear Spectroscopy Instrumentation Network (NuSpIn), in the framework of ENSAR2 (HORIZON2020), promotes the mutual coordination between the research groups involved in high-resolution gamma-ray spectroscopy. The objective is to strengthen the nuclear structure community by the exchange and transfer of knowledge and the enhancement of synergies between the different collaborations active in the European Infrastructure Facilities.

The aim of the NUSPIN 2018 Workshop is to present the status of nuclear structure research in Europe and to discuss its perspectives. Sessions will be dedicated to the presentation of recent theoretical studies, the latest results obtained at the gamma-ray facilities in Europe, and the discussion of the challenges of future research together with the development of new instrumentation and technical developments in gamma-ray techniques and particle detectors.

The main topics to be discussed at the workshop are:

- shell structure far from stability
- isospin degrees of freedom
- collective excitations
- nuclear moments
- spectroscopy with radioactive ion beams
- nuclear astrophysics
- gamma-ray detectors technology
- complementary instrumentation

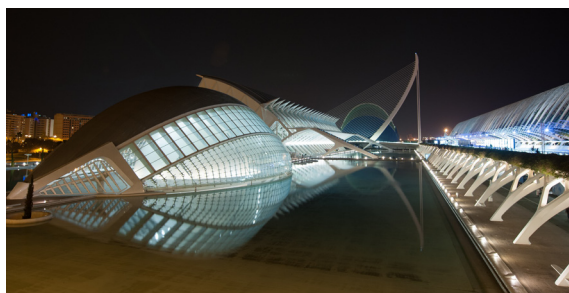
The workshop will start on the afternoon of Monday June 25<sup>th</sup> and will finish by noon on Friday June 29<sup>th</sup>

## **AGATA Physics Town Meeting**

Thursday 28<sup>th</sup> June and Friday 29<sup>th</sup> June will be dedicated to the **AGATA Physics Town Meeting**, including the AGATA Collaboration Council annual meeting.

## **Meetings of the NUSPIN Scientific Committee and Working Groups.**

The afternoon of Tuesday 26<sup>th</sup> of June will be devoted to the meetings of the NUSPIN Scientific Committee and of the Working Groups coordinating the instrumentation developments.



**Santiago Calatrava buildings in Valencia**

## **WORKSHOP VENUE**

The Workshop will take place at the IFIC Research Institute. IFIC is situated in the Sciences Campus of the University of Valencia. Address: C/ Catedrático José Beltrán, 2 E-46980 Paterna · Valencia · Spain.

## **REGISTRATION**

Participants are invited to register using the registration form available in the web site from **15<sup>th</sup> March to 15<sup>th</sup> June 2018**.

Financial support may be available – upon request – for young researchers presenting a contribution to the Workshop.

## **ABSTRACT SUBMISSION**

Review talks will be followed by shorter contributions selected from the submitted abstracts.

**The deadline for abstract submission is 30<sup>th</sup> April 2018.** Information regarding the abstract selection will be notified to the contributors by 18<sup>th</sup> May 2018.

## **SOCIAL EVENTS**

Details on the social events will be given in the next circular.

## **IMPORTANT DATES**

- Registration: from 15<sup>th</sup> March to 15<sup>th</sup> June 2018
- Deadline for abstract submission: 30<sup>th</sup> April 2018
- Notification to contributors: 18<sup>th</sup> May 2018

## **ACCOMMODATION**

Participants are requested to make their own arrangements for accommodation. We encourage you to make your room reservations as soon as possible. The conference venue is at the Scientific Campus of the Valencia University. There is a tram station (TVV) in front of the main gate of IFIC.

Connections by subway and tram are easy from the center of Valencia.

## **CORRESPONDENCE**

Please address all correspondence by electronic mail to:

NUSPIN 2018 Conference Secretariat, Maria José Gracia Vidal

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## **WEB PAGE**

Updated information on the Workshop can be found on the web page

<http://indico.ific.uv.es/indico/conferenceDisplay.py?ovw=True&confId=3190>

## **CULTURAL INFORMATION**

Valencia is a lively city with rich cultural programs. Information about cultural events can be found in the web page:

<http://www.visitvalencia.com/en/whats-on-offer-valencia/leisure-agenda-vlc>

More general touristic information can be found in: <http://www.visitvalencia.com/en/>

## **ORGANIZATION**

### **Organizing Committee**

Alejandro Algora (IFIC-CSIC, Valencia)

Andres Gadea (IFIC-CSIC, Valencia)

Enrique Nacher (IFIC-CSIC, Valencia)

Vicente González (University of Valencia)

Silvia Lenzi (University and INFN, Padova)

Andrew Boston (University of Liverpool)

Magdalena Górska (GSI, Darmstadt)

Araceli López-Martens (CSNSM, Orsay)

Wolfram Korten (CEA, Saclay)

## Secretariat

Maria José Gracia Vidal (CPAN, IFIC, CSIC-University of Valencia )

## SPONSORS

The workshop is partially sponsored by ATI SYSTEMS.



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