



IV International Conference on
Nuclear Structure and Dynamics • NSD2019
May 13-17, 2019 • Centro Culturale Don Orione Artigianelli, Venice • Italy



Second Circular

Purpose of the Conference

The IV International Conference on Nuclear Structure and Dynamics NSD2019 will be held in Venice at Centro Culturale Don Orione Artigianelli on May 13-17, 2019. The conference is a follow-up of the three previous conferences held first in 2009 in Dubrovnik (Croatia), continued in 2012 in Opatija (Croatia) and last in 2015 in Portoroz (Slovenia), and belongs to a series of conferences devoted to the most recent experimental and theoretical advances in the field of nuclear structure and reactions. The NSD2019 Conference will maintain this tradition, with the aim to provide a broad discussion forum that will promote exchange of ideas and collaboration among researchers with experimental, theoretical and phenomenological background. We encourage the attendance of graduate students and postdocs.

Topics

Nuclear structure and reactions far from stability
Collective phenomena and symmetries
Dynamics and thermodynamics of light and heavy nuclei
Sub- and near-barrier reactions
Fusion and Fission dynamics
Ab initio calculations, cluster models and shell model
Nuclear energy density functionals
Nuclear astrophysics
Fundamental interactions

Venue

NSD2019 will be held at "**Centro Culturale Don Orione Artigianelli**" in **Venice**. It is located in Sestiere Dorsoduro, on the wide Calle (Rio Terà Foscarini) connecting *Canal Grande* to the quayside *Zattere*. In a few

minutes you can reach the Peggy Guggenheim Collection, the Gallerie dell'Accademia and Piazza S. Marco. You can visit [this page](#) for directions.

Registration and fee payment

Registration will be open until April 14, 2019. The deadline for Early Registration is March 24. **Please, notice that the registration is not confirmed until payment is received.**

	Early registration (until March 24, 2019)	Late registration (until April 14, 2019)
Participant	500€	600€
Student*	400€	400€
Accompanying Person	150€	150€

*STUDENTS (graduate and Ph.D.) MUST SUBMIT PROOF OF THEIR STUDENT STATUS, by sending to nsd2019@lnl.infn.it a presentation letter from their Institution.

- The Participant and Student's fee covers: lunches, coffee breaks, welcome reception, conference dinner, social tour and conference proceedings.
- The Accompanying Person's fee includes: welcome reception, conference dinner and social tour.

Please, refer to this [page](#) for details about registration and fee payment.

Abstracts and Presentations

The conference will consist of invited, oral and poster presentations. On Tuesday and Thursday afternoon 3 parallel sessions are scheduled. A preliminary short timetable is available [online](#).

The Scientific Programme will begin on Monday 13 at 9:00 and end on Friday 17 at 16:00.

Registration will open on Sunday 12, from 17:00 to 18:30. A Welcome reception will be served at 18:00.

- ✓ Invited Talks are allotted a total of 30 minutes (25' talk + 5' discussion).
- ✓ Oral presentations are allotted a total of 20 minutes (15' talk + 5' discussion).
- ✓ Posters should be presented in A0 portrait format (841 × 1189 mm). The poster session will take place in the afternoon of Tuesday, May 14. The authors of the best 3 (voted) posters will have the opportunity to present their work as a short (10') talk at the end of the conference.

Proceedings

Written papers of invited, oral and poster contributions presented at the conference will be published on the [EPJ Web of Conferences](#). Details will be provided in the final circular.

Accommodation

Hotels and accommodation of different categories are available in the Venice area. Participants are kindly requested to book their accommodation by contacting the hotel directly. **An early booking is strongly recommended** since concurrent events with a very large attendance will take place in Venice in the week of the conference.

A limited number of rooms has been also reserved at the conference venue "Don Orione Artigianelli". The deadline for reservation is **March 24, 2019**. You can find detailed information and a map of the hotels near the conference venue on NSD2019 website.

Social Events

The following events are planned:

- ✓ **Welcome Reception** - Sunday, May 12 - Centro Culturale Don Orione Artigianelli
A Welcome Reception will take place on Sunday, 12th May 2019, at 18:00, at the Conference Venue, Centro Culturale Don Orione Artigianelli. Registration will be open from 17:00 to 18:30.
- ✓ **Social Tour** - Wednesday, May 15 - San Lazzaro degli Armeni and Murano
A visit to the Venetian islands of San Lazzaro degli Armeni and Murano is scheduled on Wednesday, May 15, afternoon.
- ✓ **Conference Dinner** - Thursday, May 16
The Conference Dinner will take place on May 16 at 20:00.

Participants who intend to attend these events are invited to tick the appropriate fields in the registration form. Please, remember to indicate any possible dietary restriction.

Transportation

The closest airport is the Marco Polo International Airport at Tessera (Venice), 15 Km from the railway station "Venezia Santa Lucia". Venice is easily reachable by buses and trains. The conference site is connected by public boat transportation ("vaporetto") starting from Santa Lucia railway station or from Piazzale Roma bus station. Connections are also scheduled directly from the airport. Detailed information is available on the [conference website](#).

Important dates

Early Registration Close: **March 24, 2019**
Late Registration Close: **April 14, 2019**

International Advisory Committee

R. Bark (I-Themba, South Africa)	D. Lacroix (IPN Orsay, France)
P. Bednarczyk (Krakow, Poland)	C.J. Lin (CIAE, Beijing, China)
K. Blaum (MPI Heidelberg, Germany)	N. Marginean (NIPNE, Bucharest)
F. Cappuzzello (Uni. Catania and INFN, Italy)	M. Milin (Uni. Zagreb, Croatia)
M.P. Carpenter (ANL, USA)	P. Navratil (TRIUMF, Canada)
G. Casini (INFN Firenze, Italy)	G. Neyens (Isolde CERN, Switzerland)
W. Catford (Uni. Surrey, UK)	K. Nishio (JAEA, Japan)
B. Cederwall (KTH, Stockholm, Sweden)	R. Page (Uni. Liverpool, UK)
J.L. Egido (Uni. Madrid, Spain)	N. Pietralla (TU Darmstadt, Germany)
A. Gargano (INFN Napoli, Italy)	R. Raabe (Uni. Leuven, Belgium)
P. Greenless (JYFL, Finland)	B. Rubio (IFIC, Valencia, Spain)
A. Guglielmetti (Uni. Milano and INFN, Italy)	W. Schatz (MSU, USA)
J. Hamilton (Uni. Vanderbilt, USA)	S. Sidorchuck (Dubna, Russia)

C. Simenel (ANU, Canberra, Australia)
R.P. Singh (IUAC, New Delhi, India)
O. Sorlin (GANIL, France)
S. Sunniva (Uni. Oslo, Norway)

T. Uesaka (RIKEN, Japan)
A. Vitturi (Uni. Padova and INFN, Italy)
D. Vretenar (Uni. Zagreb, Croatia)
Yu Hu Zhang (IMP, Lanzhou, China)

Organizing Committee

G. de Angelis (INFN Legnaro) (*Chair*)
L. Corradi (INFN Legnaro) (*Chair*)
E. Fioretto (INFN Legnaro)
F. Galtarossa (INFN Legnaro)
T. Marchi (INFN Legnaro)

M. Mazzocco (Uni. and INFN Padova)
D. Mengoni (Uni. and INFN Padova)
J.J. Valiente-Dobón (INFN Legnaro)
A. D'Este (INFN Legnaro) (*secretary*)
A. Schiavon (Uni. Padova) (*secretary*)

Contacts

NSD2019 website:
<http://agenda.infn.it/event/NSD2019>
email: nsd2019@lnl.infn.it

Organized by:



With the kind contribution of:

