



The 11th International Conference on Clustering Aspects of Nuclear Structure and Dynamics

The 11th International Conference on Clustering Aspects of Nuclear Structure and Dynamics

May 23-27, 2016 Napoli, Italy

1st Circular

The 11th International Conference on Clustering Aspects of Nuclear Structure and Dynamics will be held in **Napoli** (Italy) on **May 23 – 27, 2016**. It will continue the tradition of International Conferences on Nuclear Cluster Physics started in 1968 with the Bochum Conference. In the following details on the Organization of the Conference, the Abstract Submission, the Accommodation and the Fees are given. Further details will be given in the 3rd Circular, scheduled for February 2016.

1 – Venue. The conference will be held at the Complesso Universitario dei Ss. Marcellino e Festo (Largo S. Marcellino 10, Napoli), an historical site of the University of Naples “Federico II”. For further details are on the **conference website** (<http://agenda.infn.it/conferenceDisplay.py?ovw=True&confId=9919>) and the University website (http://www.centrocongressi.unina.it/sala_storico.php?on=2).

2 – Topics. The main **topics** of the Cluster '16 Conference are the following:

- ◆ *Cluster structure in stable and unstable nuclei*
- ◆ *Clustering in exotic nuclei, nuclear molecules and few-cluster systems*
- ◆ *Clustering aspects of nuclear reactions*
- ◆ *Symmetries and clustering*
- ◆ *Clustering in nuclear matter and neutron stars*
- ◆ *Nuclear fission, superheavy nuclei, cluster decay*
- ◆ *Cluster physics and nuclear astrophysics*
- ◆ *Analogues of nuclear clustering in quark and atomic systems*
- ◆ *Clustering in hypernuclei*
- ◆ *Selected applications of clustered nuclei*

3 – Contributions. We plan to have four different types of contributions at the Cluster '16 Conference:

- ◆ *Invited talk.* Speakers will be suggested by the members of the International Advisory Committee, and will cover the main topics of the conference.
- ◆ *Oral contributions in Plenary and Parallel Sessions.* The abstract submission procedure will be available on the Conference website from 20 November 2015.
- ◆ *Posters.* The submission procedure will be available on the Conference website from 20 November 2015. A dedicated poster session will be part of the conference program.

Contributions discussing the most recent (even preliminary) results on Experimental and Theoretical aspects of Nuclear Cluster Physics are very much welcome. At the same time, we strongly encourage young researchers to submit abstract on their research activity.



The 11th International Conference on Clustering Aspects of Nuclear Structure and Dynamics

4 – International Advisory Committee (IAC). The Members of the International Advisory Committee of the Cluster '16 Conference are: Y. Abe (*Osaka, Japan*), D. Baye (*Bruxelles, Belgium*), C. Beck (*Strasbourg, France*), S. Bhattacharya (*Kolkata, India*), A. Bracco (*Milano, Italy*), J. Cseh (*Debrecen, Hungary*), M. Dasgupta (*Canberra, Australia*), A. Fomichev (*Dubna, Russia*), M. Freer (*Birmingham, United Kingdom*), M. Fujiwara (*Osaka, Japan*), B. Fulton (*York, United Kingdom*), M. Gai (*Yale and UConn, United States*), M. Harakeh (*Groningen, Netherlands*), H. Horiuchi (*Osaka, Japan*), M. Hussein (*Sao Paulo, Brasil*), N. Itagaki (*Kyoto, Japan*), M.G. Itkis (*Dubna, Russia*), B. Jonson (*Goteborg, Sweden*), T. Kajino (*Tokyo, Japan*), Y. Kanada-En'yo (*Kyoto, Japan*), N. Lo Iudice (*Napoli, Italy*), M. Milin (*Zagreb, Croatia*), A. Moro (*Sevilla, Spain*), T. Neff (*Darmstadt, Germany*), Y.T. Oganessian (*Dubna, Russia*), N. Orr (*Caen, France*), P. Papka (*Stellenbosch, South Africa*), D. Poenaru (*Bucarest, Romania*), Z. Ren (*Nanjing, China*), G. Rogachev (*College Station, United States*), P. Schuck (*Orsay, France*), A. Tumino (*Enna, Italy*), E. Vardaci (*Napoli, Italy*), F.S. Zhang (*Beijing, China*).

5 – Finances. The conference fee will cover lunches from May 23 (Monday) to May 27 (Friday), two daily coffee breaks, a Welcome Party on the evening of May 23, the Social Dinner on May 26 (Thursday), the Social excursion on May 25 (Wednesday) afternoon. We are also organizing a dedicated transportation system from the airport (Napoli Capodichino) to downtown (Napoli Piazza Vittorio Emanuele), that will be active all the day on May 22 (Sunday). The fees are as it follows:

- ◆ 520 € for payments before February, 28.
- ◆ 580 € for payments before April, 15.
- ◆ 150 € for accompanying person.

Fees cannot be paid at the Conference Desk. We plan to open the Registration phase on November 20, 2015. Participants can register by filling the registration module posted on the Conference Website. The fee for accompanying person will cover transportation, social excursion, welcome cocktail and social dinner.

6 – Deadlines. A preliminary list of deadlines of the Cluster '16 Conference is the following (some small modifications may occur; updates will be available in the Conference website):

- ◆ Abstract Submission Open: 20/11/2015.
- ◆ Abstract Submission Closed: 15/01/2016.
- ◆ Invited Speaker List: 31/01/2016.
- ◆ Decision on Abstract Acceptance (Oral/Poster): 15/02/2016.
- ◆ Registration Opening: 20/11/2016.
- ◆ Early Fee Payment: 28/02/2016.
- ◆ Late Fee Payment: 15/04/2016.
- ◆ Registration Closing: 15/04/2016.
- ◆ Conference Opening: 23/05/2016.

7 – Accommodation. Participant to the Cluster '16 Conference are strongly encouraged to use our Accommodation Service (available on the Conference Website) to book Hotel for their stay in Naples. This Service will be provided by the StudioCongress Company (that is in charge of various details on the



The 11th International Conference on Clustering Aspects of Nuclear Structure and Dynamics

Conference Organization) without extra-charge. In the form that will be available on the website various accommodation solutions are suggested, going from 4-stars Hotel to Bed & Breakfast, with special prices for participants to the Conference. Please, take into account that in the month of May, 2016, a Cultural Event (*Maggio dei Monumenti*) is scheduled in Naples that is expected to attract many tourists. Therefore, we advise to make hotel reservations as early as possible.

8 – Social Program. We are organizing a very rich Social Program, that will allow the appreciation of the splendors of Naples. The Ss. Marcellino e Festo Structure itself is a Cultural Heritage: the Grand Staircase was designed by the Famous Neoclassic Architect Luigi Vanvitelli. The Welcome Cocktail will be held in the Magnificent Basilica of S. Giovanni Maggiore, while the Social Dinner will be at the S. Chiara cloister, one of the world wide most famous location of Naples. The Social Excursion (on Wednesday 25, in the afternoon) will be at the Capodimonte Realm, one of the most important Museum in the World (it hosts masterpieces from Simone Martini, Masaccio, Perugino, Botticelli, Signorelli, Mantegna, Raffaello, Vasari, Michelangelo, Pontormo, Rosso Fiorentino, Tiziano, El Greco, Caravaggio, A. Carracci, L. Carracci, Guido Reni, Mattia Preti, L. Giordano, J. de Ribera, van Dyck, Rubens, Rembrandt, A. Canova, Mengs, Goya, E. Vigée-LeBrun, F. Gerard, Andy Warhol and many others).

9 – Proceedings. Proceedings related to Invited, Oral and Poster presentations will be published in a peer-reviewed journal. Details will be given in the Second Circular.

10 – Contacts. For further information, please contact us at the conference e-mail: cluster16@na.infn.it

Second Circular: February 10, 2016 (expected)