



Conference on Neutrino and Nuclear Physics

Catania (Italy) October 15 -21, 2017

SECOND CIRCULAR

The International Conference on Neutrino and Nuclear Physics 2017 (CNNP 2017) will be held in Catania (Italy) on **October 15-21, 2017**.

This circular will also be available on the conference web site:

<http://agenda.infn.it/event/CNNP2017>

Conference Host and Venue

The CNNP17 conference is hosted jointly by the Istituto Nazionale di Fisica Nucleare - Laboratori Nazionali del Sud (LNS) and the University of Catania. The scientific sessions will be held downtown, at the baroque Benedictine Monastery, located in Piazza Dante, 32 - Catania.

Scope and Scientific Program

The main objective of CNNP 2017 is to promote a collaborative framework of researchers from the fields of nuclear, neutrino, astro and dark-matter physics, to discuss experiments and theories in which nuclear physics aspects are particularly relevant.

The list of the topics to be developed during the Conference is given below:

- Nuclear double beta decays
- Nuclear structure in connection with neutrino physics
- Nuclear reactions as a probe for weak decays
- Neutrino-nucleus interaction at low and high energy
- Supernova models and detection of supernova neutrinos
- Solar models and detection of solar neutrinos
- Direct and indirect dark-matter searches
- Rare beta decays of nuclei for neutrino-mass measurements
- Neutrino oscillations and matter effects
- Anomalies in reactor neutrinos
- New related detection technologies

Format

The format of the Conference consists of invited talks in plenary sessions and contributed talks in parallel sessions. A poster session will be also organized on October 19th. Awards for young scientists will be attributed to the two best oral contributions and the four best posters during a dedicated session that will take place at Laboratori Nazionali del Sud on Friday, October 20th, in the evening.

Oral presentations

Plenary sessions will take place in the *Auditorium*, parallel sessions will be in *Auditorium* and *Coro di Notte*. The room will be set with an LCD projector, a microphone, and a laser pointer. A presentation laptop will be provided in the session room – no personal laptops will be permitted for presentations. Speakers shall bring their presentations for upload no later than 30 minutes before the beginning of their session. A person from the staff will upload the presentation and you will be able to check it on our systems. Accepted formats for presentation files are PowerPoint and PDF. The preferred presentation format is 4:3. Each plenary talk is allocated 25 minutes plus 5 for questions and discussion. For parallel talks 15 minutes plus 5 for questions and discussion are scheduled.

Poster presentations

The poster exhibition is in *Chiostrò di Levante* at the first floor of Benedictine Monastery. Authors are encouraged to leave their posters on display for the whole week. The area for your poster materials is 2m tall by 0.95 m wide (NOTE: vertical orientation). As an example, the typical A0 size poster is 1.189 m x 0.841 m. The Poster Session will be 120 minutes long.

Conference Proceedings

Contributions, including invited, selected talks and posters will be published, after peer review, in electronic version, in Journal of Physics G – Conference Series.

Conference fee

The full registration fee amounts to 520 €. Students are eligible for a reduced registration fee of 350 €.

The fee for accompanying person amounts to 150 €.

The Conference Fee will cover Welcome reception (*Bellini Theatre*), coffee breaks and lunches (*Chiostrò di Levante*), social excursion, evening guided tour at Castello Ursino site, transport for the visit of INFN Laboratori Nazionali del Sud and the “Award Dinner”, conference package and proceedings. Transportation from the Catania Airport to the city centre will be organized on Sunday October 15th and back on Saturday October 21st and Sunday October 22nd. The schedule will be available in the website.

We kindly ask registered participants who have not paid the fee yet, to make the payment at their earliest convenience, following the instructions on the dedicated page of the conference website.

The accompanying person fee includes:

- Welcome reception
- Social excursion
- Evening guided tour at Castello Ursino
- “Award Dinner” at INFN-LNS
- Guided tour at the baroque Benedictine Monastery
- Tour at the Archaeology Museum of the Catania University

Detailed information on social events and activities is available on the conference website.

More information about the conference, including the list of confirmed invited speakers and the preliminary program, is available on the conference website.

Conference Organization

International Advisory Committee

Agodi Clementina (INFN-LNS, Italy)
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Vissani Francesco (GSSI and INFN-LNGS, Italy)
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Organizing Committee

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Santopinto Elena (INFN- Genova, Italy)
Sapienza Piera (INFN-LNS, Italy)

All correspondence and requests for further information concerning the conference should be sent to the conference e-mail address: cnnp2017@lns.infn.it.

We look forward to seeing you in Catania,

The CNNP2017 Organizing Committee