

CRIS 2016
Cosmic Ray International Seminar
"New eyes on the Universe"
Hotel Continental – Island of Ischia (NA) - Italy,
July 4-8, 2016

FIRST ANNOUNCEMENT

We are pleased to announce the 10th Cosmic Ray International Seminar (CRIS 2016) which will be held in the Island of Ischia (NA) July 4-8, 2016 and will focus fundamental topics in astroparticle physics.

This conference series started in Catania in 1996 focused on Relativistic Ion Studies and moved in the field of Cosmic Ray Physics since 2004.

Recent experimental data on the Ultra High Energy Cosmic Rays (UHECR) published by the Pierre Auger and Telescope Array Collaborations and their interpretation with the leading LHC-tuned shower models have stressed beyond any doubt the complexity of the field proving that obtaining more information on the composition of the cosmic rays will be crucial.

Moreover, the interpretation of UHECR cannot ignore the results at lower energy and the measurements done with other messengers like neutrinos and photons. The recent detection of gravitational waves just opened an entirely new window on the Universe.

CRIS 2016, following the experience of previous editions, aims to present overviews of existing data and reports from the main experiments currently taking data.

Talks will cover both the theoretical/phenomenological and experimental/observational aspects to give an exhaustive overview of this complex field. The discussion about the present status and any future plans requires to involve theorists and experimentalists working on various messengers (charged particles, neutrinos, photons, gravitational waves) and at various energies and wavelengths.

Furthermore, the progress in astroparticle physics achieved through space and ground-based detectors is expected to play a major role in the scientific program of CRIS 2016.

The program will include invited lectures and contributed talks, as well as a poster session.

As in the past, the CRIS 2016 Conference is addressed to scientists in the fields as well as to PhD and graduate students. We will encourage lively and informal discussions among participants.

We plan to host all participants in the conference hotel.

The International Advisory Committee is composed of
Roberto Battiston (University of Trento – Trento, Italy)
Eugenio Cocchia (GSSI – L'Aquila, Italy)
Ralph Engel (KIT – Karlsruhe, Germany)
Johannes Knapp (DESY – Zeuthen, Germany)
Francis L Halzen (University of Wisconsin-Madison – Madison, USA)
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Renè Ong (University of California – Los Angeles, USA)

Marco Pallavicini (University of Genova – Genova, Italy)
Andrea Santangelo (University of Tübingen – Tübingen, Germany)
Shigeru Yoshida (Chiba University – Chiba, Japan)
Yifang Wang (IHEP – Beijing, P.R. China)
Alan A. Watson (University of Leeds – Leeds, UK)

CRIS 2016 is organized by the Napoli and Catania Section of the National Institute of Nuclear Physics (INFN), by the Department of Physics “E. Pancini ” of the University of Napoli and by the Department of Physics and Astronomy of the University of Catania.

For all the details about the Conference, including registration, travel and accommodation info, a contribution procedures, you are kindly invited to visit the Conference Web site:
<http://cris2016.na.infn.it/>.

Important dates and deadlines:

- Conference dates: July 4-8, 2016
- Abstract Submission: until May 15, 2016
- Notification of Acceptance: May 30, 2016
- Hotel (at special rate): until June 10, 2016
- Registration: until June 20, 2016
- Proceeding Submission: until October 30, 2016

The CRIS 2016 Organizing Committee

Carla Aramo
Mario Buscemi
Rossella Caruso
Roberta Colalillo
Fausto Guarino
Antonio Insolia
Laura Valore

Conference Secretary:
Salvatore Verdoliva e Giancarlo Greca
University of Napoli and I.N.F.N. – Sezione di Napoli
Complesso Universitario di Monte Sant’Angelo
Via Cintia, ed.G
I-80126 Napoli (Italy)

Conference e-mail address: cris2016@na.infn.it
Conference Web site: <http://cris2016.na.infn.it/>
Phone: (+39) 081 – 676243
Fax: (+39) 081 – 676352 (refer to CRIS2016 in the object)