



# 5<sup>th</sup> Roma International Conference on Astroparticle Physics (RICAP-14)

September 30<sup>th</sup> – October 3<sup>rd</sup>, 2014

**Noto (Italy)**

*Hosted by Laboratori Nazionali del Sud, INFN - Catania*

## **Second Bulletin – September 2014**

RICAP-14 will be the fifth edition of the RICAP Conference. Even if the acronym stands for Roma International Conference on Astro-Particle Physics, the 2014 edition will be organized, for the first time, outside Roma. The Conference, entirely dedicated to the study of high-energy cosmic rays, has been traditionally organized by the three public Universities of Roma (University “Roma Tre”, University “La Sapienza” and University “Tor Vergata”). The 2014 edition, organized by physicists of Laboratori Nazionali del Sud (INFN, Catania) will be held in Noto, a well-known baroque town that in 2002 UNESCO inscribed on the World Heritage List as “representing the culmination and final flowering of Baroque art in Europe”.

### **Scientific Topics**

The aim of the Conference will be to present and discuss some of the most relevant theoretical and experimental results in the field of high-energy cosmic rays (gamma, neutrinos, charged cosmic rays). Special attention will be paid to the multi-messenger search for high-energy cosmic rays sources, including gravitational wave searches. A special session will be dedicated to Dark Matter search. The Conference will give the opportunity to collect experimental results from presently operating experiments. Experiments in progress and future projects will be discussed, debating on the different features and on sensitivities. Particular relevance will be given to the discussion of the open questions in high energy Astroparticle Physics.

### **Committees**

#### ***International Advisory Committee***

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**Carlos Muñoz** (Universidad Autónoma de Madrid, Spain)  
**Christian Spiering** (DESY Zeuthen, Germany)  
**Eli Waxman** (The Weizmann Inst. of Science, Rehovot, Israel)  
**Juande Zornoza** (Instituto de Física Corpuscular, Valencia, Spain)

### ***Local Organizing Committee***

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**Aldo Morselli** (Università Roma Tor Vergata & INFN, Roma)  
**Paolo Piattelli** (INFN, LNS) - Chair  
**Piera Sapienza** (INFN, LNS)

### **Conference addresses**

Email: [ricap14@lns.infn.it](mailto:ricap14@lns.infn.it)

Web Page: <https://agenda.infn.it/event/ricap14>

Mailing Address:  
Paolo Piattelli,  
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via Santa Sofia 62 95125, Catania, Italy

Secretariat:  
Gaetano Agnello, +39-095-542296  
Virginia Potenza, +39-095-542301

### **Conference Venue**

The Conference will be hosted by the Consorzio Universitario Mediterraneo Orientale (CUMO) in Noto in a prestigious architectural complex recently restored.

The conference venue is located in Via Antonio Sofia 78, in the old town of Noto (see map below) at a walking distance from the hotels.

## How to reach Noto

The town of Noto can be easily reached from Catania and its airport by bus. Several bus rides (about 1 hour and a half) connect the centre of Catania (and the airport) to Noto each day.

Detailed information and links to the bus timetable are given in the “How to get there” section of the conference web page.

Note that the last bus of the day to Noto leaves from the airport at 18:30.

On Monday September 29 we will organize a private bus from the airport to Noto for those arriving late in Catania. This bus will leave from the airport at about 22:00 (exact time will be defined optimizing flight arrivals) and will cost € 30. Participants who have indicated in their registration form the intention to use this bus will be contacted directly by the travel agency for details.

However, we encourage participants to arrange their travel schedule in order to arrive in Noto in the late afternoon to take part in the welcome cocktail in Palazzo Nicolaci.

## Registration

Note that the deadline for reduced registration fee has been extended up to September 15.

The registration fees for the RICAP-14 conference are:

Before September 15, 2014	After September 15, 2014
300 €	350 €

The registration fee includes:

- lunches and coffee breaks;
- conference dinner;
- hardcopy of proceedings.

## How to Register

Registrations can only be made through the form available at <https://agenda.infn.it/confRegistrationFormDisplay.py/display?confId=7620>.

All payments must be made in Euro, either with a bank transfer or with credit card. It will also be possible to pay the fee by cash or credit card on site at the Registration Desk.

### • Payment by Bank Transfer:

The transfer must be addressed to: “Associazione Romana per le Astroparticelle” and drawn on Unicredit Banca di Roma, Ple. Aldo Moro 5, 00185 Roma.

Banking coordinates for payments:

IBAN: IT 34 X 02008 05227 000011607039 - Swift Code: UNCRITM1153

Please don't forget to include in the motivation of the bank transfer payment:

"Name, Surname" of the participant and "fee for RICAP-14".

Please transfer the total amount due in EURO (**free of the bank charges for the recipient**).

• **Payment by Credit Card:**

Credit card payments can be made through the following link:

[http://test.arap-astroparticelle.it/conferenze\\_active.html](http://test.arap-astroparticelle.it/conferenze_active.html).

To complete your registration, please mail a copy of the Bank Transfer Payment to the Conference Secretariat: [ricap14@Ins.infn.it](mailto:ricap14@Ins.infn.it).

For any problem with the registration procedure, please contact the Conference Secretariat: [ricap14@Ins.infn.it](mailto:ricap14@Ins.infn.it).

### **Web access during the Conference**

Wireless access in the conference rooms will be available.

Participants who have eduroam credentials will be able to access using their authentication. A password protected access will be provided for those who do not have eduroam. Instructions will be provided at the registration desk.

### **Conference Proceedings**

The Conference Proceedings will be published on an International Journal. We are still discussing several options. Precise information will be given at the time of the conference. The cost for one copy of the proceedings is included in the registration fee.

We want to publish the Proceedings as soon as possible after the end of the Conference ensuring the maximum of quality. Each contribution submitted will be reviewed by referees appointed by the organizing committee.

Deadline for proceedings submission is 31/12/2014.

### **Social events**

#### **Welcome cocktail**

A welcome cocktail will be offered to participants on Monday September 29 at 18:30 in the halls of Palazzo Nicolaci in the centre of Noto.

#### **Visit to the "Villa romana del Tellaro"**

A visit to the "Villa romana del Tellaro" will be organized on Thursday October 2 afternoon. Bus will leave at 16:00 after the closing of the afternoon session.

This archeological site has remains of a Roman villa of the fourth century a.C., the dwelling place of a family of landowners, whose floors were covered with extraordinary mosaics that, for refinement of style, are among the most significant of the time and can well rival those of Piazza Armerina.

After the visit we will head directly for the social dinner.

## Social dinner

The social dinner will take place in the Buonivini estate of the Planeta winery on Thursday October 2 evening. We will reach the place by bus directly after the excursion to the “Villa romana del Tellaro”.

Participants with special dietary needs are kindly asked to inform the organization ([ricap14@Ins.infn.it](mailto:ricap14@Ins.infn.it)).

