

Second Bulletin – May 2013

## 4<sup>th</sup> Roma International Conference on Astroparticle Physics (**RICAP-13**)

May 22<sup>nd</sup> – 24<sup>th</sup>, 2013 – Roma, Italy

*Hosted by*

*Physics Department, University “La Sapienza”, Roma*



### Presentation

RICAP-13 is the fourth edition of the RICAP Conference. The acronym stands for Roma International Conference on Astroparticle Physics, the Conference is entirely dedicated to the study of high energy cosmic rays and it is organized by the three public Universities of Roma (University “Roma Tre”, University “La Sapienza” and University “Tor Vergata”). These Institutions provide both theoretical and experimental contributions and participate to major experimental projects in the field (AGILE, AMS, ANTARES, ARGO, Auger, CTA, Fermi, JEM-EUSO, KM3NeT, NEMO, PAMELA, ...). The Conference is held every two years. The first edition, in 2007, was held at the University “La Sapienza”, the second edition was hosted by University “Tor Vergata”, the third by University “Roma Tre”.

### 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

### **Invited International Organizing Committee**

**Felix Aharonian** (Dublin Institute for Advanced Studies, Ireland)  
**Roberto Battiston** (University & INFN, Perugia, Italy)  
**Tom Gaisser** (University of Delaware, USA)  
**Francis Halzen** (University of Wisconsin, USA)  
**Juan Jose Hernandez** (University of Valencia, Spain)  
**Paolo Lipari** (INFN, Roma, Italy)  
**Szabolcs Marka** (Columbia University, New York, USA)  
**Antonio Masiero** (Università degli Studi di Padova & INFN, Padova)  
**Giorgio Matthiae** (University "Tor Vergata" & INFN, Roma, Italy)  
**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**

**Bruno Borgia** (Università di Roma La Sapienza & INFN, Roma)  
**Antonio Capone** (Università di Roma La Sapienza & INFN, Roma) – Chair  
**Marco Ciuchini** (INFN, Roma3)  
**Giulia De Bonis** (INFN, Roma)  
**Mario De Vincenzi** (Università Roma Tre & INFN, Roma)  
**Marcella Diemoz** (INFN, Roma)  
**Giuseppe Di Sciascio** (Università Roma Tor Vergata & INFN, Roma)  
**Egidio Longo** (Università Roma La Sapienza & INFN, Roma)  
**Stefano Maria Mari** (Università Roma Tre & INFN, Roma)  
**Giorgio Matt** (Università Roma Tre, Roma)  
**Aldo Morselli** (Università Roma Tor Vergata & INFN, Roma)  
**Piergiorgio Picozza** (Università Roma Tor Vergata & INFN, Roma)  
**Francesco Simeone** (Università Roma La Sapienza & INFN, Roma)

## Conference addresses

Email: [ricap13@roma1.infn.it](mailto:ricap13@roma1.infn.it)  
URL: <http://ricap13.roma1.infn.it>

Mailing Address: Antonio Capone, Physics Department  
University "La Sapienza", Piazzale Aldo Moro 2  
00185, Roma, Italy

Secretariat:

[Rossana De Gregorio](#), +390649914356 (tel)  
[Mauro Mancini](#), +390649914358 (tel), +39064454910 (fax)  
[Laura Santonastaso](#), +390649914356 (tel)

## **Publication of the Conference Proceedings**

We are still discussing with Elsevier for the publication of the Conference Proceedings on Nuclear Instruments and Methods in Physics Research, Section A (NIMA). The cost for one copy of the proceedings is included in the registration fee. Elsevier has already published the Proceedings of the previous editions of the Conference and we would like to continue with the same format.

We want to publish the Proceedings as soon as possible after the end of the Conference and, of course, we want to guarantee the maximum of quality. Then each contribution will be submitted to referees. The procedure for the final acceptance of the contributed paper should be fast, in order to have all the material ready after the summer. For these reasons please note the following important dates:

Starting date for the submission of the contribution to the Conference to proceeding	<b>30/06/2013</b>
Deadline date for the submission of the contribution to the Conference to proceeding	<b>31/07/2013</b>

## **Conference Location**

The Conference will be held in the "Aula Amaldi", at the first floor of the Physics Department of the University "La Sapienza" in Roma. The parallel sessions will be organized in "Aula Amaldi" and in "Aula Maiorana", at the ground floor of the Physics Department.

The University "La Sapienza" is located very close to the Roma centre and to the main Roma railway station Termini, which is directly connected, by train and by bus, to the Roma main airports, Roma Fiumicino and Roma Ciampino.

Please, check the indications "[how to reach](#)" at the [conference web page](#).

## **Registration**

The registration fees for the RICAP-13 conference are summarized in the following table:

<b>Before on May 1st, 2013</b>	<b>After May 1st, 2013</b>
300 €	350 €

Please transfer the Total Amount Due in EURO (**free of the bank charges for the recipient**).

The registration fee includes:

- lunches and coffee breaks;
- conference dinner;
- a conference bag;
- hardcopy of proceedings of the invited/parallel talks and of poster sessions.

## How to Register

Registrations can only be made through the [form](#) available at [official web site of the Conference](#).

All payments must be made in Euro, as [bank transfer](#) or with [credit card](#). During the Conference it will be possible to pay the fee by cash or credit card 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 remember to include in the motivation of the bank transfer payment:

**"Name, Surname"** of the participant and **"fee for RICAP-13"**.

### • **Payment by Credit Card**

Credit card payments can be made at [this link](#). To complete the registration, please mail a copy of the Bank Transfer Payment to the Conference Secretariat: [ricap13@roma1.infn.it](mailto:ricap13@roma1.infn.it). For any problem with the registration procedure, please contact the Conference Secretariat: [ricap13@roma1.infn.it](mailto:ricap13@roma1.infn.it).

## How to ask for web access during the Conference

Web access during the Conference will be available for registered participants only if they fill a [form](#), provided by INFN (Istituto Nazionale di Fisica Nucleare) with their personal data. The procedure has to be completed **after the Registration** and **before the beginning of the Conference**.

**INFN users** do not need to fill the form: they can access the web using their **INFN account**.

In addition, also **eduroam** is available during the Conference.

**IMPORTANT NOTICE:** the form asks for the upload of a scan of the participant's ID, but this feature is currently under test. Thus, please provide the information about your ID (Document Type, Issued by, Document Number, Document Expiry) but **do not upload any file** when filling the form.

## Scientific Program

The conference [Timetable](#) is now available at the Conference web page.

On the morning there will be **Plenary Sessions**, during the afternoon there will be **Parallel Sessions**.

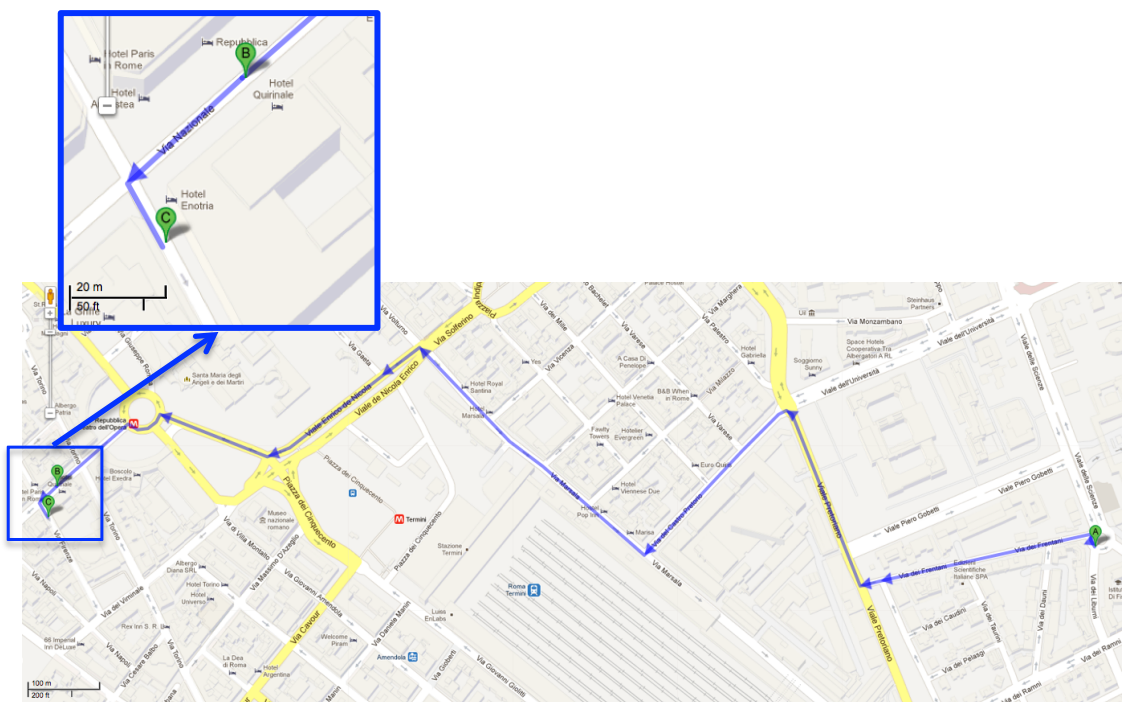
A **Poster Session** will be open in the afternoon of the 22<sup>nd</sup> and 23<sup>rd</sup> May, after the afternoon sessions.

**Please upload your slides on the INDICO system as soon as possible.**

## Conference Dinner

On May 23<sup>rd</sup>, starting at 20:15-20:30 we will have a Conference dinner at the Restaurant of the HOTEL QUIRINALE, not far from the University and from the Roma Termini Central Station.

[Hotel Quirinale](#), Via Nazionale 7 - 00184 Roma, Tel.++39 06 4707 825/827



In this map the pin A indicates the University entrance at Piazzale Aldo Moro, the pin B indicates the Hotel Quirinale entrance at via Nazionale 7, the pin C indicates the entrance of the Hotel-Restaurant garden where we will have our dinner.

**The dinner menu is based on fish meals, please send us as soon as possible a message if this is not convenient for you.**