



First Bulletin – December 2019

8th Roma International Conference on Astroparticle Physics ([RICAP-2020](#))

June 30th – July 3rd, 2020 – Roma, Italy

Hosted by Physics Department, Sapienza University, Roma



Presentation

RICAP-20 will be the eight edition of the RICAP Conference. The acronym stands for Roma International Conference on Astro-Particle physics. The Conference, entirely dedicated to the study of high energy cosmic rays, traditionally has been organized by the three public Universities of Roma (University “Roma Tre”, University “La Sapienza” and University “Tor Vergata”). The 2020 edition will be held in the Physics Department of Sapienza University, Roma.

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)
Gianfranco Bertone (Institute Theoretical Physics, Amsterdam, Netherlands)
Paschal Coyle (CPPM, Marseille, France)
Tom Gaisser (University of Delaware, USA)
Francis Halzen (University of Wisconsin, USA)
Juan Jose Hernandez (University of Valencia, Spain)
Szabolcs Marka (Columbia University, New York, USA)
Antonio Masiero (Università degli Studi di Padova & INFN, Padova, Italy)
Giorgio Matthiae (University "Tor Vergata" & INFN, Roma, Italy)
Paolo Piattelli (INFN-LNS, Italy)
Piergiorgio Picozza (University "Tor Vergata" & INFN, Roma, Italy)
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

Antonio Capone (Università di Roma La Sapienza & INFN, Roma) – Chair
Bruno Borgia (Università di Roma La Sapienza & INFN, Roma)
Severino Bussino (Università Roma Tre & INFN, Roma)
Silvia Celli (Università di Roma La Sapienza & INFN, Roma)
Stefano Ciprini (Università Roma Tor Vergata & INFN, Roma)
Mario De Vincenzi (Università Roma Tre & INFN, Roma)
Anna Di Ciaccio (Università di Roma Tor Vergata & INFN, Roma)
Irene Di Palma (Università di Roma La Sapienza & INFN, Roma)
Giuseppe di Sciascio (Università Roma Tor Vergata & INFN, Roma)
Paolo Fermani (Università di Roma La Sapienza & INFN, Roma)
Dario Gasparrini (Università Roma Tor Vergata & INFN, Roma)
Paolo Lipari (INFN, Roma)
Stefano Maria Mari (Università Roma Tre & INFN, Roma)
Paolo Mataloni (Università di Roma La Sapienza, Roma)
Aldo Morselli (Università Roma Tor Vergata & INFN, Roma)
Aleandro Nisati (INFN, Roma)
Domizia Orestano (Università Roma Tre & INFN, Roma)
Roberto Raimondi (Università Roma Tre, Roma)
Vincenzo Vitale (Università Roma Tor Vergata & INFN, Roma)

Conference addresses

Email: ricapju2020@gmail.com

URL: <https://agenda.infn.it/event/19310>

Mailing Address:

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Sapienza Università di Roma, Dipartimento di Fisica – edificio Marconi
Piazzale Aldo Moro 2, 00185, Roma, Italy

Important deadlines

Starting date for registration	January 21st , since 14:00
Deadline date for early registration	May 15th
Deadline for registration	June 26th
Starting date for abstract submission	January 21st
Deadline for abstract submission	June 15th
Welcome drink	June 30th
Opening Ceremony	July 1st
Closing Ceremony	July 3rd
Deadline for proceedings submission	November 1st

Conference Location

The Conference plenary sessions will be held in the “Aula Amaldi” of the Physics Department of Sapienza University in Roma. The Sapienza University 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 website](#).

Accommodation

A lot of hotels are available close to the Conference site. The most common web-based search tools (Booking.com, Expedia.com etc.) can help you to select and book for your accommodation.

Registration

Registration fees for the RICAP-20 conference are summarized in the following table:

Before May 15th	After May 15th
350 €	400 €

Please transfer the Total Amount Due in EURO (€) **(free of the bank charges for the recipient)**. Social dinner companion fee is 50 €.

The registration fee includes:

- lunches and coffee breaks;
- conference dinner;
- conference gadget;
- online proceedings publication of the invited/parallel talks and of poster sessions in EPJ Web of Conferences journal.

Social events

A series of social events are foreseen during the conference days:

- June 30th late afternoon (17-19): welcome drink at registration;
- July 2nd late afternoon: visit to one of the Rome main sites;
- July 2nd evening: social dinner.

Scientific Program

The Conference program includes invited plenary talks and several talks in the parallel sessions. The table below shows the schedule of the plenary and parallel sessions for the three days of the Conference:

	June 30th, Tuesday	July 1st, Wednesday	July 2nd, Thursday	July 3rd, Friday
First morning session		Plenary Session	Plenary Session	Plenary Session
		Coffee break	Coffee break	Coffee break
second morning session		Plenary Session	Plenary Session	Plenary Session
		Lunch	Lunch	Lunch
First afternoon session		Parallel Session A Parallel Session B	Parallel Session E Parallel Session F	Plenary Session and Summaries
		Coffee break	Coffee break	
second afternoon session	Registration	Parallel Session C Parallel Session D	Parallel Session G Parallel Session H	
	Welcome drink		Visit and social dinner	

Conference Proceedings and Abstract or Paper submission

The Conference Proceedings will be published only online on the EPJ Web of Conferences journal. The cost is included in the registration fee. Please visit the [conference webpage](#) to get information about Abstract Submission and Paper Submission for the proceedings. All enquiries concerning scientific aspects of the conference, financial support, registration and so on, should be sent to the conference organizers.