



Very Large Volume neutrino Telescope – VLVvT 2015

September 14th -16th, 2015 – Roma, Italy



hosted by:

Physics Department of University "La Sapienza", Roma

Istituto Nazionale Fisica Nucleare, Sezione di Roma

Presentation

The 7th edition of the International Workshop on Very Large Volume neutrino Telescope will be held, in the period between September 14th and 16th 2015, at the Physics Department of University "La Sapienza" in Roma.

The Workshop will focus on progress of Neutrino Astronomy, in particular the physics, technological and instrumental aspects of large-scale Cherenkov detectors in water or ice.

The Workshop will be organized in plenary and parallel sessions.

Scientific Topics

The status and the results of the several experiments already active, or planned, in the field of High Energy astrophysical neutrino detection will be described.

Results from observatories and experiments active in the fields of gamma-ray and multimessenger astronomy will be presented and discussed.

VLVnT-2015 will welcome scientists, engineers and students from numerous universities and institutes.

The Workshop will also represent a forum for exhibitions and presentations by industry, notably manufacturers of underwater sensors and infrastructures, and providers of related underwater services.

Parallel sessions will be dedicated to: - detection techniques (also for Ultra High Energy Cosmic Rays: acoustic and radio detection) - photon detectors - readout/DAQ - data transmission - calibration - software developments for events simulation and reconstruction



Committees

International Advisory Committee:

Igor Belolaptikov, JINR, Dubna, Russia
 Antonio Capone, University La Sapienza and INFN, Roma, Italy
 Marco Circella, Bari, Italy.
 Grigory Domogatsky, INR RAS, Russia
 Chad Finley, Stockholm University, Sweden
 Albrecht Karle, University of Wisconsin, Madison, USA
 Uli Katz, Universität Erlangen-Nürnberg, Germany
 Antoine Kouchner, APC, Paris, France
 Paolo Piattelli, LNS-INFN, Catania, Italy.
 Subir Sarkar, University of Oxford, UK & Niels Bohr Institute, Copenhagen
 Christian Spiering, Desy, Zeuthen, Germany
 Els de Wolf, Nikhef, Amsterdam, The Netherlands

Local Organizing Committee:

Fabrizio Ameli, INFN, Roma, Italy
 Antonio Capone, Chair, University La Sapienza and INFN, Roma, Italy
 Marcella Diemoz, Director of Sezione INFN, Roma, Italy
 Egidio Longo, Director of the Physics Department Univ. La Sapienza, Roma, Italy
 Carlo Alessandro Nicolau, INFN, Roma, Italy
 Chiara Perrina, University La Sapienza and INFN, Roma, Italy
 Francesco Simeone, INFN, Roma, Italy

Conference addresses

Email: antonio.capone@roma1.infn.it

URL: <https://indico.cern.ch/event/378423/>

Mailing Address:

Antonio Capone
 Dipartimento di Fisica Univ. La Sapienza di Roma
 Piazzale Aldo Moro 2 00185 Roma – Italy

Previous edition of the Workshop

- Amsterdam, NIKHEF, Netherlands, 5-8 October, 2003
- Catania, LNS, Italy, 8-11 November, 2005
- Toulon, Var, France, 22-24 April 2008
- Athens, Greece, 13-15 October, 2009
- Erlangen, Germany, 12-14 October, 2011
- Stockholm, Sweden, 5-7 August, 2013



Important dates

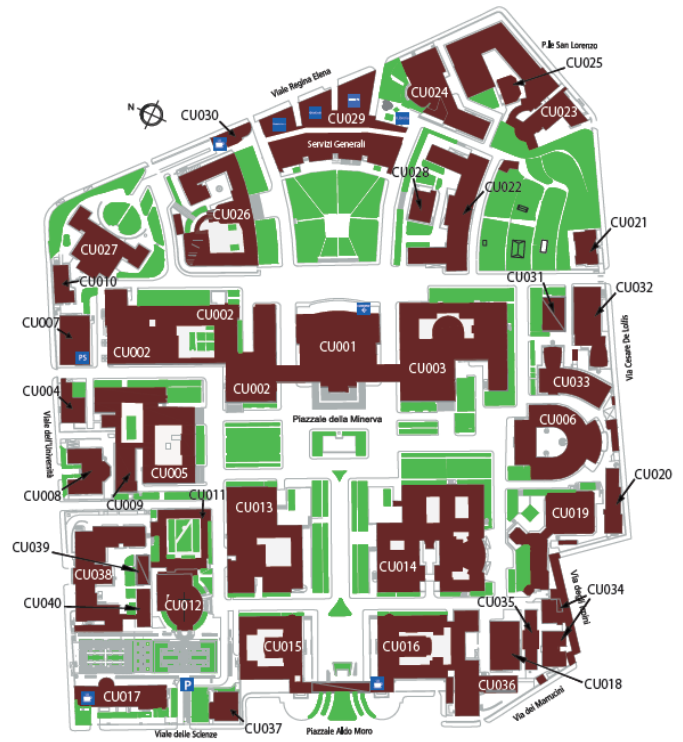
Starting date for abstract submission	15/07/15
Deadline for early registration	14/08/15
Deadline for abstract submission	01/09/15
Deadline for registration	07/09/15
Evening Welcome Reception	14/09/15
Conference Dinner	15/09/15
Closure Ceremony	16/09/15
Deadline for Conference Proceedings submission	01/12/15

General information

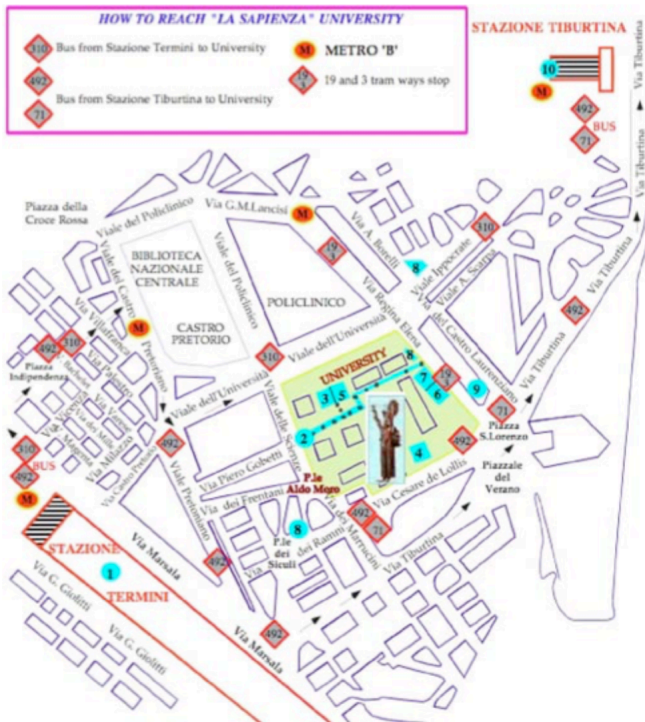
• **Location**

The University of Roma “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 bus to the Roma main airports, Roma Fiumicino and Roma Ciampino.

The conference plenary sessions will be held in “Aula Amaldi”, which is located inside the Physics Department, building “G. Marconi” indicated with CU013 in the map aside.



University main entrance: Piazzale Aldo Moro



Further information, including public transportation, can be found at the following link:

<http://en.uniroma1.it/sapienza/map>



- **Accommodation**

Given the high number of tourists usually visiting Roma in that period, we strongly suggest to you to book your room as soon as possible. At present several web-sites offer very convenient solutions for your accommodation in hotel, the price for a single occupancy including the breakfast, in the area around the University "La Sapienza" can be between € 90 and € 120. If you need help do not hesitate to contact us.

Registration

The registration fee for the participation to VLVnT-2015 Workshop is defined as:

before	August 14 th : € 220
after	August 14 th : € 250.

It includes: lunches and coffee breaks, the Evening Welcome Reception on Monday 14th, the Conference dinner on Tuesday 15th.

- **How to Register**

Registrations can only be made through the official web site of the conference:

<https://indico.cern.ch/event/378423/>

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.

To complete the registration, if you used bank transfer as method of payment, please mail a copy of the Bank Transfer Payment to the Conference

Organizer: antonio.capone@roma1.infn.it

For any problem with the registration procedure, please contact the Conference

Organizer: antonio.capone@roma1.infn.it

Payment by Bank Transfer: the transfer must be addressed to: "Associazione Romana per le Astroparticelle" and drawn on Unicredit Banca di Roma, P.le 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 VLVnT-2015".

Payment by Credit Card: credit card payments can be made at the web-page:

http://test.arap-astroparticelle.it/conferenze_attive.html.



Scientific Program

- **Tentative program**

The workshop programme will be defined by the International Scientific Advisory Committee and by the parallel session conveners.

The Workshop program will include 15-20 invited plenary talks and a large variety of talks in the parallel sessions.

Poster exhibition will be possible during the first two days of the Workshop.

A preliminary program is at present available at the web page:
<https://indico.cern.ch/event/378423/timetable/-all.detailed>

Conference Proceedings

The Proceedings of the Conference will be published by an International Journal.

The cost for one copy of the proceedings is included in the registration fee. Please visit the Conference web page 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 Secretariat.