

20th ECRS - European Cosmic Ray Symposium

5-8 September, 2006

Escola Superior de Tecnologia da Saúde de Lisboa, Portugal

First Bulletin

PLACE AND DATE

The 20th ECRS - European Cosmic Ray Symposium will take place in *Escola Superior de Tecnologia da Saúde de Lisboa (ESTeSL)*, in Lisboa, Portugal, from Tuesday 5th September to Friday 8th September.

On Saturday 9th September a Workshop on *Cosmic Rays at High Schools* projects will be held at the same place.

The 20th ECRS - European Cosmic Ray Symposium is organised by *Laboratório de Instrumentação e Física Experimental de Partículas (LIP)* and *Centro Multidisciplinar de Astrofísica (CENTRA)*.

SCIENTIFIC PROGRAM

The scientific program includes oral and poster presentations. The sessions will be devoted mainly to the following topics:

- The relevance of cosmic rays to space and Earth weather
- Cosmic rays in the heliosphere
- Cosmic rays above the knee
- Gamma rays and neutrino astronomy
- EAS and the physics of nuclear interactions

Contributions from other areas addressing any dramatic results for the physics of cosmic rays can also be considered.

Each topic will be introduced by a pedagogical review talk (35+5 m) by an invited speaker, followed by "standard" talks (17+3 m). Poster sessions will also be held. Selected young poster authors (less than 35 years) may be invited to present their posters as short oral talks (12+3 m).

PUBLIC SESSION

The afternoon of Thursday 7th September will be dedicated to the general public and, in particular, to high school students and teachers. ECRS participants are invited to attend this session and share their scientific experience with the young students!

WORKSHOP on COSMIC RAYS SCHOOLS PROJECTS

A Workshop dedicated to the review of the ongoing projects on Cosmic Rays at High Schools and to the discussion of future plans and of possible further cooperation between institutions will take place on Saturday the 9th September.

PROCEEDINGS

Conference proceedings will include both the oral and the poster contributions. The deadline for proceedings reception is September 30th 2006. A CD with the proceedings will be distributed to all the participants in autumn 2006.

ABSTRACT SUBMISSION

Standard^o oral contributions must be submitted between the 1st January 2006 and the 15th March 2006. Poster contributions can be submitted between the 1st January 2006 and the 30th April 2006.

Contributions must be submitted using the Abstracts form available online at <http://www.lip.pt/events/2006/ecrs> .

REGISTRATION

The registration can be done by e-mail, fax, letter or secure web registration formulary **as soon as possible**. If your browser doesn't support HTTPS URL's you can print the text formulary on paper and, when filled, send it to the ECRS secretariat by facsimile or standard mail.

The registration form is available online at <http://www.lip.pt/events/2006/ecrs>. Those wishing to attend the Workshop on Cosmic Rays Schools Projects should also register at <http://www.lip.pt/events/2006/crsp>.

Participants should register until April 30th 2006. The registration fee for the conference participants is 300 Euro. It includes proceedings, welcome cocktail, coffee breaks and lunches (Tuesday-Friday). The registration fee is 150 Euro for pre-laureate students recommended by a member of the teaching staff of their home institution (a simple letter is enough). Companion fee for the social program is fixed to 50 euros, and it includes welcome cocktail and lunches (Tuesday-Friday).

Late registration between the 30th April and the conference opening will have a surcharge of 50 Euro. The Registration desk will be available in the conference location on September 4th 2006.

The fee is to be paid in Euro via credit card, bank transfer, or, for last minute registration, on site with cash. Visa, Eurocard, American Express or Mastercard credit cards will be accepted.

We would like to point out that sending credit card information across the network is an unsecure procedure. You may do it at your own risk, but confidentiality cannot be guaranteed.

Account for bank transfer

Bank Name: Millennium BCP

IBAN: PT5000330000001303380375

BIC/SWIFT: BCOMPTPL

(mention name and Institute, and note that the transfer should be free of charges to LIP)

Address for registration submission

LIP-ECRS2006

Av. Elias Garcia, 14-1

1000-149 Lisboa, Portugal.

Phone: +351 21 7973880

Fax: +351 21 7934631

e-mail: ecrs@lip.pt

FINANCIAL SUPPORT

Due to severe financial constraints, the Organising Committee will be able to provide limited financial support only to a small number of participants. This support would be limited to (a) waiver of the registration fee (total or partial), and/or (b) free accommodation in a student residence.

Scientists asking for support should contact the Local Organizing Committee (LOC), attaching a brief CV (in case of students also a recommendation letter), specifying the requested kind of support. Requests should be submitted as soon as possible and in any case before 31st March. The LOC will communicate the answer within April 30th.

Financial support is mainly intended for scientists coming from East European countries.

ACCOMMODATION

Participants are expected to stay at VIP Executive Arts Hotel (<http://www.viphotels.com/uk/vip-arts.htm>) or at students' residence Engenheiro Duarte Pacheco (<http://rdp.ist.utl.pt/>), both within walking distance of the conference site.

VIP Hotel reservations: the hotel reservation form (available at <http://www.lip.pt/events/2006/ecrs>) should be sent directly to the hotel (by fax or regular mail) before 30th April 2006. Special rates for conference participants are:

- single room 87 Euro,
- double room 94 Euro.

Do not forget to mention you will attend the ECRS conference in order to obtain the indicated rates. Do not book your rooms through the hotel web sites because the negotiated fares will not be available to you. The housing price is not included in the registration fee.

Students' residence reservations: the residence form (available at <http://www.lip.pt/events/2006/ecrs>) should be sent (by fax or regular mail) before the 30th April 2006, directly to:

Mrs. Dulce Conceição
IST - CENTRA
Av. Rovisco Pais
1049-001 Lisboa, Portugal

Fax: +351 21 8419118

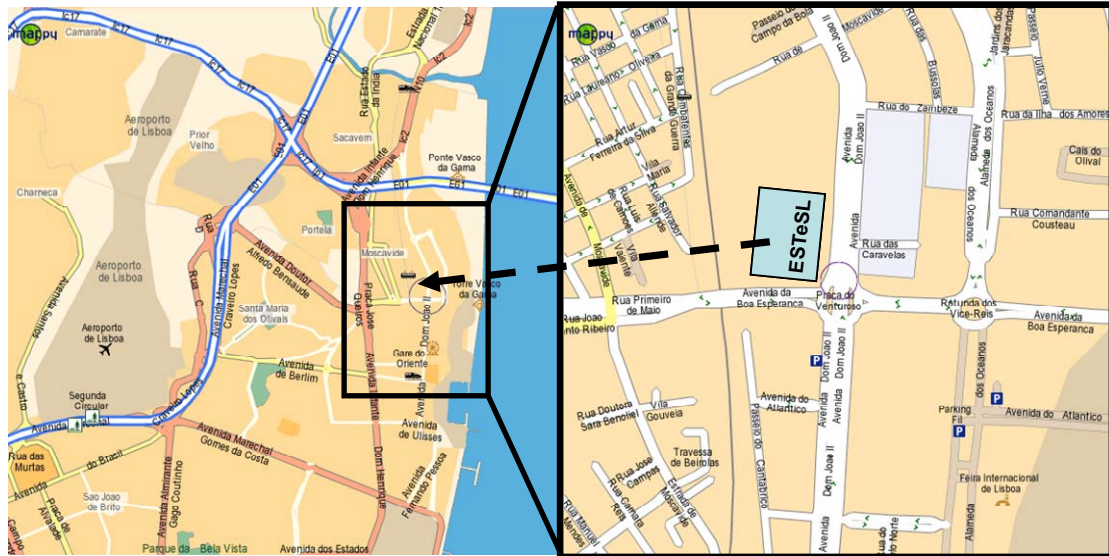
The special daily rates for conference participants are:

- single room 30 Euro,
- double room 45 Euro.

Breakfast, at the rate of 1.75 Euro, is not included. Payments should be done before 30th April 2006, via credit card or bank transfer, as specified above (see Registration).

TRANSPORTATION

The International airport of Lisbon is located approximately 2 km from ESTeSL. ESTeSL is easily reachable from the airport by bus (nº 5 and nº 44 from CARRIS) and by taxi (average rate below 10 Euro).



Within walking distance there is a transport interface (Gare do Oriente) with metropolitan, city bus, long way bus and trains.

COMPUTER FACILITIES

During the conference a number of PC's will be available for remote access and Internet.

SOCIAL PROGRAM

The social program includes the welcome cocktail on Tuesday September 5th and the banquet on Thursday September 7th. The price of the banquet is 25 Euro.

Excursions for accompanying persons during the conference days and for the participants before or after the conference must be booked and purchased directly at travel agencies. In the morning of the first conference day there will be a travel agency desk at the conference venue.

SCIENTIFIC COMMITTEE

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A. Chilingaryan

J. Dias de Deus

A. Erlykin

E. Flueckiger

University of Durham, UK

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Faculty of Physics, University of Belgrade, Belgrade, Serbia and Montenegro

LPCC, College de France, Paris, France

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IST/CENTRA, Lisboa, Portugal

Lebedev Institute, Moscow, Russia

University of Bern, Switzerland

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| M. Teshima | Max-Planck-Institute for Physics, Germany |

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FINAL REMARKS

Attendance is limited to 250 participants. Further information can be obtained from the conference page <http://www.lip.pt/events/2006/ecrs>.

Information related to the Cosmic Rays School Projects Workshop can be obtained in <http://www.lip.pt/events/2006/crsp>.