

**Seventh International Workshop on  
“New Worlds in Astroparticle Physics”  
08-10 September 2009, São Tomé e Príncipe**

**Second Bulletin**

The Seventh International Workshop on “New Worlds in Astroparticle Physics” is organized by Laboratório de Instrumentação e Física Experimental de Partículas (LIP) and the Centro Multidisciplinar de Astrofísica (CENTRA).

The meetings on "New Worlds in Astroparticle Physics", which started in 1996 and were previously held every two years in Faro, Portugal, put together experimental and theoretical physicists from particle physics, astrophysics and cosmology.

The Seventh International Workshop on “New Worlds in Astroparticle Physics” will be held from Tuesday, September 08th through Thursday, September 10th , 2009 in São Tomé, the capital city of São Tomé e Príncipe.

São Tomé e Príncipe is a small island nation off the Atlantic coast of Central Africa, in the Gulf of Guinea, straddling the Equator. It was in the island of Príncipe that, during the sun eclipse of 1919, Eddington made the famous observations of light deflection. The official language in São Tomé e Príncipe is Portuguese.

**Scientific Program**

The program will be arranged in morning and afternoon sessions covering the three days and is organized around four main topics, introduced by a main "pedagogical" talk of 50 minutes. Small (20 minutes) talks from participants are expected.

The topics and the invited review speakers are:

High Energy Cosmic Rays (Paolo Lipari - Università di Roma "la Sapienza")

High Energy Gamma Rays (Simon Swordy - University of Chicago)

Neutrino Physics and Astrophysics (Kai Zuber - Technische Universität Dresden)

Experimental and Theoretical Cosmology (Pedro Gil Ferreira - University of Oxford)

**Proceedings**

Proceedings will be distributed on CD-ROM.

## **Outreach**

A two day school (in portuguese) entitled “O que sabemos do Universo?” will be held on Friday, 4th and Saturday, 5th September for senior high school students.

An exhibition about the 90th anniversary of Eddington expedition to Príncipe “A luz desviada pelo Sol” will be also held in the city of São Tomé, organized by Fundação Mário Soares, Teia d'Arte and LIP.

Lectures for the general public are also foreseen.

## **Registration**

Early registration fee (until May 15th, 2009) is €300.

After May 15th, 2009, the registration fee will be €350.

For students the fees are €150 and €200, respectively.

The fee includes proceedings, banquet, coffee breaks (Tuesday-Thursday) and transportation between the conference hotel and the conference site.

The registration fee for the accompanying persons is €50, and includes the banquet.

Payment may be done by check or bank transfer. No credit card payments will be possible during the conference. Registration and payment of the applicable fee(s) should be done by sending the registration form (available on the conference webpage) with payment to:

Ms. Sandra Dias,

LIP,

Av. Elias Garcia

Nº 14 – 1º

1000-149 Lisbon

Portugal,

or by fax to the number +351 217 934 631.

Attendance is limited to 60 participants.

Further information can be obtained from the conference webpage:

{<http://gamow.ist.utl.pt/~centra/astro2009>}

Or you can contact the Secretariat (Sandra Dias: [sandra@lip.pt](mailto:sandra@lip.pt))

## **Deadlines**

Early Registration (including payment of the registration fee): May, 15th 2009

Travel & Accommodation package: as soon as possible and directly with Culturália

## **Social program**

The social program includes a banquet on Wednesday, September 9th.

An excursion to Ilhéu das Rolas is foreseen on the 06th and 07th September and is included at the Travel & Accommodation package from Culturália.

## **Scientific and Organizing Committee:**

M. C. Abreu (LIP/UAlg)  
S. Andringa\* (LIP)  
P. Assis\* (LIP)  
G. Barreira (LIP)  
I. Carvalho (Ass. Roça Mundo)  
J. Cronin (Univ. Chicago)  
A. de Angelis (Univ. Udine)  
J. Dias de Deus\* (IST/CENTRA)  
A. B. Henriques (IST/CENTRA)  
J. Hough (Univ. Glasgow)  
J. Sande Lemos (IST/CENTRA)  
A. McDonald (Univ. Queens)  
A. Mourão\* (IST/CENTRA)  
R. Potting\* (UAlg/CENTRA)  
M. Pimenta\* (IST/LIP)  
J. Romão (IST/CFTP)  
P. M. Sá (UAlg)  
J.C. Silva (CeiarTE)  
P. Sonderegger (CERN/LIP)  
A. Watson (Univ. Leeds)

\*Local Organizing Committee

## **Travel & Accommodation**

We expect that most participants will stay for a week (September 4th/5th to 11th/12th). Flight connection from Lisbon is weekly with TAP (on Fridays) or STP Airways (on Saturdays).

We negotiated a special travel and accommodation package with Culturália, a specialized travel agency for this part of the world.

This package comprises:

- Plane ticket:

TAP: 04/09 Lisbon/São Tomé 00:15-05:15

TAP: 11/09 São Tomé/Lisbon 06:45-13:45

STP: 05/09 Lisbon/São Tomé 00:30-05:30

STP: 12/09 São Tomé/Lisbon 07:05-14:00

- Accommodation:

- [Hotel Pestana S.Tome \(\\*\\*\\*\\*\\*\)](#)

- [Excursion Ilhéu das Rolas \(6th to 7<sup>th</sup>\)](#),

[including Hotel Pestana Equador \(\\*\\*\\*\\*\\*\) and dinner.](#)

- Transfers from and to the airport in S. Tomé;

- Transfer to and from the Hotel Pestana Equador (Ilhéu das Rolas)

The reference prices for person / for the packages are the following:

- 1.450,00€ (single-room)

- 1.350,00€ (double-room)

- 1.250,00€ (triple-room)

Please note that you should register as soon as possible as these prices are only guaranteed for a limited number of participants and early registration. (Until 30th May the reservation is guaranteed. After 30th May confirmation of the booking is subjected to availability and price changes.)

### **Payment policies:**

Reservations are confirmed with the payment of 25% of the total. The rest of the payment must be made 30 days before departure. It is possible to change names until 30 days before the departure, paying a fee of 50,00€

### **Reservations**

should be done by email (please fill the form available in the conference webpage) to:

#### **Culturalia**

Rua Trindade Coelho, nº 16

3800-273 Aveiro Portugal

Program manager: Martina Lopes

Telephone: +351 234 423 142 | Fax: +351 234 423 219

Mobile: +351 96 85 800 23

email: [reservas2@culturalia.pt](mailto:reservas2@culturalia.pt)

Web page: [www.culturalia.pt](http://www.culturalia.pt)

## **Health**

São Tomé and Príncipe is an equatorial country, malaria prevention (prophylaxis) and yellow fever vaccination is highly recommended (yellow fever vaccination is not mandatory for European citizens since April 1st 2009). Notice that Malaria prevention needs to start before you travel.

For further information:

World Health Organization (<http://www.who.int/ith/countries/stp/en/>)

in Portugal:

Faculdade de Ciências Médicas – CISCOS (218803009)

Instituto de Higiene e Medicina Tropical (213627553)

Water abounds in the country, however we advise consumption of bottled water. We recommend boiling the water obtained from natural sources.

## **Visas**

A Visa to São Tomé e Príncipe should be obtained from Consulates or Embassies in countries where São Tomé e Príncipe has diplomatic representation. The maximum stay is of 30 days. Visas can be processed by Culturália: the cost is €59.

## **More information**

There are no ATM boxes available in São Tomé, so you should carry some money. Indicative prices for meals are around €6-€15.