

International Conference on
Computing in High Energy and Nuclear Physics

February 13 – February 17, 2006, TIFR, Mumbai, India

Bulletin # 3

Introduction

This bulletin includes details of deadlines for registration, submission of abstracts, booking of accommodation. It also provides the Conference Programme news along with information of pre-conference programmes and some practical information about tours and excursions.

For most up-to-date information, please visit the website created at URL <http://www.tifr.res.in/chep06/> where the information will be continually updated. For any query, please contact us at chep06@tifr.res.in.

Conference Programme

The scientific programme of CHEP06 conference will consist of plenary sessions of invited oral presentations, a number of parallel sessions comprising oral and poster presentations, and an industrial exhibition. Organisers have already started to solicit contributions in the form of abstracts. Participants should use the **Contributions** button on the web page and submit the abstracts in the form of a text file online. Please note that the **deadline** for abstract submission is **October 31, 2005**.

An abstract should be a concise summary (between 100 and 300 words) of the paper. It should describe the paper and include a statement of the issue, research methods and significant findings. Abstracts should be written as one continuous paragraph. Electronic submission of abstract does not allow a simple, straightforward system to use Greek symbols, superscripts or subscripts. Authors are encouraged to avoid them as far as possible. Authors are responsible to properly classify their abstracts in the respective tracks. The names of submitting authors are expected to make the oral/postal presentation and the respective names will appear first in the abstract brochure.

The following list of topics will be covered:

- Online Computing
- Event processing applications
- Software Components and Libraries
- Software Tools and Information Systems
- Computing Facilities and Networking
- Grid middleware and e-Infrastructure operation
- Distributed Event production and processing
- Distributed Data Analysis

The Programme Committee, with the help of the International Advisory Committee, will use these to finalise the programme.

The programme for the plenary session is being finalised. A tentative list of the plenary topics is given below:

- Status of the LHC machine
- State of readiness of LHC computing infrastructure
- State of readiness of LHC experiment software
- MySQL and scalable databases
- High performance computing - accelerating discovery
- Impact of real data on computing infrastructure
- Retrospective on Babar computing
- Next generation DAQ systems
- New frontiers in software engineering and coding tools
- Software architecture and frameworks
- Distributed data management
- Physics analysis models
- ROOT in the era of multi-core CPUs
- e-Science and Cyberinfrastructure
- The LHC Computing Grid Service
- Grids - collaborations and gateways
- Grid activities in some Asian countries
- Advanced networking technologies and HEP in future
- Low cost connectivity initiative in India
- Computing activities in astronomy experiments, biomedical application, Lattice Gauge QCD

In addition, there will be a panel discussion on the issue of **Digital Divide**.

Pre-Conference Activities

There will be a 3-day workshop on “LCG Computing Service Challenge” between February 10 and February 12, 2006. This will take place within the same premises. This workshop will focus on final preparations for LCG Service Challenge 4, as well as the initial LHC Computing Service. The latter must be in operation by September 30, 2006, capable of handling the full target data rate between CERN and the Tier1 sites and incorporating all Tier2 sites. Interested participants should fill in the appropriate form from the Workshop web page and also indicate interest during filling up the pre-registration form in the main conference web site. The fees for this workshop is **US\$ 50**.

There will be a 2-days school organised within the same premises during February 11 and February 12. This school will run in parallel with the Service Challenge Workshop and will follow some of the course outlines of CERN Computing School. It will cover topics on “Software

Techniques and Tools”, “Physics Computing” and “Grid Technologies”. The fees for this school will be **1000 Indian Rupees**.

Registration

Pre-registration started some time back and can be done either online or by downloading the pdf file from the registration page and sending the filled in form by fax to +91.22.2278.2345. On submission of the registration form, the participant will receive an email with the submitted details and activation URL. The participant should visit this URL to activate the account. Once activated, a second email will be sent along with a personal identifier and an initial password. The participant can subsequently log in to his/her personal area using this from the registration page and modify the personal details.

The conference fee for early registration (up to **December 15, 2005**) is **US\$ 300**. Pre-registration is possible even after December 15, 2005 but then the conference fee will be **US\$ 350**. Participants can pay the conference fees either through credit card or using a banker’s cheque payable to **CHEP06**. The participant will receive a pdf file by email (or can be downloaded from the personal area). The bankers cheque should be sent along with the completed pdf file to the organisers at the postal address provided on the website. If credit card option is chosen, the participant should complete the form (sent as a pdf file) and send it either by fax to +91.22.2278.2345 or by email to chep06@tifr.res.in.

If participants are interested in the workshop or in the school, it should be indicated while filling up the form.

Accommodation

Arrangements have been made with some good hotels within a short distance from the conference venue. Some special rates have been negotiated for the conference delegates and indicated on the web site. Booking of accommodation will be done by the organisers with the participants specifying their hotel choice and other details by filling a form online. A pdf file will be created on filling up the option for hotel and will be sent to the participant. Alternately participants can download the form from the web. The hotel needs credit card number for surety. The participant is required to fill in the credit card detail and should send it to the organisers either through fax at number +91.22.2278.2345 or by email to chep06@tifr.res.in. Please note that online request can be made by already registered participants after login. Each hotel provides a limited number of rooms and they will be distributed strictly on the first come basis. Reserving any room after December 15, 2005 will be very difficult, if not impossible.

Tours

Travel Corporation of India (TCI) has offered a set of four package tours for interested participants to CHEP06. The cost quoted refers to per person in a group with a minimum of 2 persons. This does not include the airfare which is separately mentioned in each of these packages. These are for

	No. of Nights	Cost/person
Aurangabad	2	US\$ 279
Goa	4	US\$ 415
Golden Triangle	5	US\$ 757
Kerala	4	US\$ 499

Details of these packages are available on the web. Interested people should directly contact TCI at rmane@tci.co.in.

Important Dates

- Deadline for abstract submission: **October 31, 2005.**
- Last date for registration to get reduced registration fees and guaranteed accommodation: **December 15, 2005.**
- Accommodation in preferred hotel: to be done on a first come first served basis.