

Introduction

This bulletin includes Registration information and the Call for Abstracts.

The conference dates are Sunday, September 2 – Friday, September 7. There will also be a WLCG meeting on Saturday, September 1 and Sunday, September 2.

The programme schedule is outlined and there are also practical details about the conference itself: travel, hotel reservations, conference registration, companion programme and excursions.

Registration

The conference registration will open on March 1, 2007. To help you with your planning, you may find the following links useful:

- Travelling to Victoria (<http://www.chep2007.com/pages/tovictoria.html>)
- Accommodation (<http://www.chep2007.com/accomodation.html>)
- Excursions (<http://www.chep2007.com/excursions.html>)

Conference Fees

- \$550 Cdn *BEFORE* 1 May 2007
- \$650 Cdn *AFTER* 1 May 2007

This price includes full conference participation, proceedings, welcome reception on Sunday September 2nd, three lunches, conference banquet on Wednesday September 5th, all coffee breaks. The fee for the WLCG meeting is \$90 and includes coffee breaks and two lunches.

Registration Times

Sunday, September 2, from 15:00 until approximately 18:00, then any morning during the conference. Registration will also be open on Saturday, September 1 prior to the WLCG meeting.

Registration Form

Registration will open March 1st, 2007. Please see this link for information closer to that date: <http://www.chep2007.com/registration.html>

Draft Programme

A draft is located at the end of the bulletin.

Call for abstracts

You are invited to submit an abstract of between a minimum of 150 words to a maximum of 250 words which will be used by the Programme Committee to select contributions for oral or poster presentation. Please note that the **deadline for abstract submission is April 1, 2007**.

Decisions on the acceptance of contributions for oral or poster presentation will be made before the end of May at the latest. A future Bulletin will then be issued giving detailed information on how to submit talks, posters and papers.

Note that in the abstract submission form you can indicate the track in which you wish the contributions to be placed. The list of programme tracks and the scope of topics to be covered are as follows:

- **Track 1: Online Computing** –CPU farms for high-level triggering; Farm configuration and run control; Describing and managing configuration data and conditions databases; Online software frameworks and tools; online calibration procedures.
- **Track 2: Event processing** – Event simulation and reconstruction; Physics analysis; Event visualization and data presentation; Toolkits for simulation and analysis; Event data models; Specialized algorithms for event processing
- **Track 3: Software components, tools and databases** – Programming techniques and tools; Software testing; Configuration management; Software build, release and distribution tools; Quality assurance; Documentation; Foundation and utility libraries; Mathematical libraries; Detector geometry models; component models; Object dictionaries; Scripting; Graphics.
- **Track 4: Computer facilities, production grids and networking** – Grid operations, monitoring and user support; management and operation of grid-wide services; Experience with operational grids; Technology evolution; Global network status and outlook; Networks and their relation to grid systems; The digital divide and issues of access, readiness and cost.
- **Track 5: Grid middleware and tools** – Grid software and monitoring tools; Global usage and management of resources; Grid technology and its exploitation in distributed computing models; Grid middleware interoperability; Grid middleware reliability; Data challenges; Evolution and perspective of Grid middleware; Experiment specific middleware applications.
- **Track 6: Distributed data analysis and information management** – Development of the distributed computing models of experiments; Real experience in prototypes and production systems; Interactive analysis over wide area network; Mobile computing; Tools for supporting distributed analysis; Remote access to and control of data acquisition systems and experiment facilities.
- **Track 7: Collaborative initiatives with other sciences** – Areas of mutual collaboration in computing between HEP and other disciplines; Shared computing facilities and grids.
- **Track 8: Collaborative tools** – Collaborative systems, progress in technologies and applications; Advanced videoconferencing systems; Experience in the usage of videoconferencing tools.

Industrial and Research Exhibition

There will be an Industrial and Research Exhibition during the CHEP07 conference from Monday afternoon until Thursday evening. It will feature firms and organizations of relevance to HEP Computing. More details will appear in the next Bulletin.

Timetable

February 1st – abstract submission opens
March 1st – conference registration opens
April 1st – abstract deadline
May 1st – end of early registration
June 1st – conference programme

Further Information

E-mail: chep07@triumf.ca

Web-site: www.chep2007.com

In addition, we have created a mailing list for dispatching further information, including subsequent bulletins. If you wish to register to receive such information, please go to <https://wwwlistbox.cern.ch> and register your interest.

CHEP'07 is sponsored by:

- CANARIE
- BC Ministry of Advanced Education
- BCNet
- Institute of Particle Physics
- TRIUMF
- University of Victoria

CHEP 2007 Draft Programme

	Saturday Sept 1	Sunday Sept 2	Monday 3 Sept	Tuesday 4 Sept	Wednesday Sept 5	Thursday 6 Sept	Friday Sept 7		
0830	WLCG	WLCG	Opening ceremony	Plenary session	Plenary session	Plenary session	Summary talks		
0900			Plenary session					Plenary session	Plenary session
1000			WLCG	WLCG	coffee, exhibits and posters	coffee, exhibits and posters	coffee, exhibits and posters	coffee	
1100					Plenary session	Parallel session	Plenary session	Summary talks	
1230					lunch	Excursion	lunch		lunch
1400	WLCG	WLCG	Parallel session	Parallel session	Parallel session		Summary talks		
						coffee		coffee	coffee
1600						WLCG		WLCG	Parallel session
1630	Reception	Parallel session	Parallel session						
1800				Free for dinner	Conference banquet	Free for dinner	Summary talks		
2000			Free for dinner	Free for dinner		Free for dinner			