

## Computing in High Energy and Nuclear Physics

Prague | Czech Republic | 21 - 27 March 2009

# Bulletin 2

## INTRODUCTION

This bulletin includes the Registration information and the Call for Abstracts.

The CHEP2009 conference dates are **23–27 March 2009 (Monday–Friday)**. The WLCG workshop will take place prior to the conference on **21–22 March 2009 (Saturday–Sunday)**.

The CHEP2009 conference will take place in the Prague Congress Centre which is ideally located near the city centre. It is easily acces-

sible by both public and private transport. It has its own metro station and extensive parking facilities.

### Address of the Conference Venue:

Prague Congress Centre, 5. května 65, 140 00 Praha 4, Czech Republic.  
Tel.: +420 261 171 111, Website: [www.kcp.cz](http://www.kcp.cz)

The schedule is outlined below together with practical details about the conference itself: travel, conference registration, hotel reservation, abstract submission and tours.

## REGISTRATION

The conference online registration will be opened from **29 September 2008**. You will find the Registration Form at the conference website at <http://www.particle.cz/conferences/chep2009/registration.aspx>

To assist you with your planning, you may find useful the following links:

- Travelling to Prague (<http://www.particle.cz/conferences/chep2009/venue.aspx>)
- Accommodation (<http://www.particle.cz/conferences/chep2009/accomodation.aspx>)
- Tours (<http://www.particle.cz/conferences/chep2009/tours.aspx>)

## REGISTRATION FEES

### CHEP2009 Conference Fee

Early registration fee (before 15 December 2008)	12 000 CZK
Late registration fee (between 16 December 2008 – 15 March 2009)	13 500 CZK
On-site registration fee (to be paid on-site) (from 16 March 2009)	15 000 CZK

The conference registration fee includes full conference participation, proceedings, Welcome Reception on Sunday, 22 March 2009, coffee breaks, four lunches and a lunch-box on Wednesday, 25 March 2009 and Conference Banquet on Thursday, 26 March 2009.

### WLCG Workshop Fee

Registration fee	2 500 CZK
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The WLCG Workshop registration fee includes coffee breaks and two lunches.

### Accompanying Person Fee

Conference fee for Accompanying Person is 3 000 CZK and includes Welcome Reception on Sunday, 22 March 2009, half-day Prague City Tour on Tuesday, 24 March 2009 and Conference Banquet on Thursday, 26 March 2009.

## ON-SITE REGISTRATION TIMES

The registration desk will be located at the 1st Floor of the conference venue and will open on Saturday, 21 March 2009. The opening hours will be available at the conference website closer to the start of the conference. The registration is common for the WLCG workshop and the CHEP2009 conference.

## CALL FOR ABSTRACTS

You are invited to submit an abstract of between a minimum of 150 words and 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 13 November 2008**.

Decisions on the acceptance of contributions for oral or poster presentation will be made before 15 December 2008 at the latest. Delegates with accepted abstract will have a possibility to register with early registration fee.

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

### Online Computing

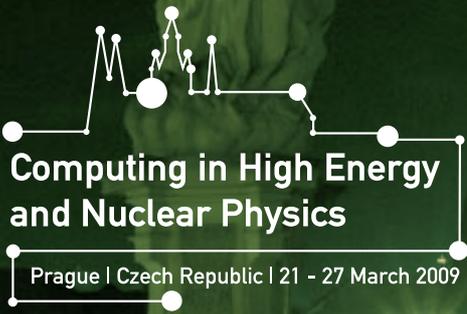
CPU farms for high-level triggering; Farm configuration and run control; Describing and managing configuration data and conditions databases; Online software frameworks and tools; Online calibration procedures; Remote access to and control of data acquisition systems and experiment facilities.

### 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.

### 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.



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### Hardware and Computing Fabrics

Basic hardware, multicore and multiple CPUs, benchmarks and real experience; Fabrics virtualization; Fabrics management and administration; Local/site I/O, access to data, MSS systems.

### Grid Middleware and Networking Technologies

Grid middleware, both experiment specific and generic; Perspectives in middleware development; Middleware reliability and interoperability; Grid middleware configuration, testing, and management tools; Grid monitoring tools; Networks and their relation to grid systems; Grid and WAN data access and transfer; Grid fabrics, its operation and monitoring; Resource management and accounting; Developers and Grid operators experience and issues from Compute and Data Challenges, and real data run.

### Distributed Processing and Analysis

Distributed application experience; Distributed data processing; Distributed analysis; Experience and issues with real production; Solutions for coping with a heterogeneous environment. Virtualization; Mobile computing; Monitoring of user jobs and data; Interactive analysis over wide area network.

### Collaborative Tools

Collaborative systems, progress in technologies and applications; Advanced videoconferencing systems; Experience in the usage of video-conferencing tools.

## INDUSTRIAL AND RESEARCH EXHIBITION

There will be an Industrial and Research Exhibition during the CHEP09 conference from Monday until Thursday. It will feature firms and organizations of relevance to HEP Computing. More details will appear in the next Bulletin

## TOURS' OFFER FOR WEDNESDAY, 25 MARCH 2009

We offer a choice of tours for the Wednesday afternoon. Please, make your choice during the on-line registration. The cost of the tours is indicated and will be added to your registration fee.

### TOUR 1: Prague Castle Tour

Price includes: Admission to the Prague Castle circle B and St. Vitus Cathedral, Eng. sp. guide, 2 transfers

Price pp: 960 CZK

This half-day sightseeing tour to Prague Castle - the seat of the Czech President, includes admission to the Old Royal Palace and Vladislav Hall, which was the seat of former Bohemian kings, and to St Vitus Cathedral which originated from the 14<sup>th</sup> century. You will see St George's Basilica, the Royal Garden and Golden Lane whose famous inhabitants included the writer Franz Kafka. You will have the opportunity to admire a variety of architectonic styles showing the progress of European architecture throughout the centuries.

### TOUR 2: Old Town and Jewish Ghetto

Price includes: Admission to the area of the Jewish Quarter and Old-New Synagogue, Eng. sp. guide, 2 transfers

Price pp: 1 320 CZK

This half-day walking tour will take you to the historical heart of the city - Old Town, which was settled more than 1000 years ago. The tour begins on the Old Town Square with beautiful houses, palaces and churches of various architectural styles and the famous astronomical clock. The tour continues to the Jewish Quarter. The story of Prague's Jewish community can be traced back to the middle of the 10<sup>th</sup> century. This tour will visit the evocative Old Jewish Cemetery, which dates from the 15<sup>th</sup> century, Europe's oldest Synagogue - the Gothic style Old-New Synagogue, the High Synagogue, the Town Hall, the Pinkas Synagogue and the Ceremonial Hall with its collection of children's art from the Terezin concentration camp.

### TOUR 3: Art-Nouveau Prague

Price includes: Admission to the Mucha's Museum and Municipal house, Eng. sp. guide, 2 transfers

Price pp: 1 008 CZK

This tour invites you to discover the works of the great Czech artist Alfons Mucha (1860-1939). The exhibition is located in the Kaunitz Palace in the very heart of Prague. Municipal House - Prague's most prominent Art Nouveau building stands on the site of the former Royal Court palace, the King's residence between 1383 and 1485. The interior of the building is decorated with works of leading Czech artists of the first decade of the century, including Alfons Mucha. There are numerous smaller halls, as well as cafés and restaurants where visitors can relax and enjoy the centre's flamboyant Art Nouveau decorations at their leisure.

### TOUR 4: Pilsner Brewery

Price includes: Admission to the Pilsner Brewery with tasting, Eng. sp. guide, transportation

Price pp: 912 CZK

Pilsen is the place where golden lager beer was born in 1842 and ever since the whole beer world has been trying to imitate it. Beers bearing names such as "pils", "pilsner" or "pilsener" number in the hundreds; however, the only original recognized worldwide is Pilsner Urquell. In the Pilsner Urquell Brewery you will discover the secret of this original and will become acquainted with a renowned Czech art - that of brewing good beer.

### TOUR 5: Karlstejn Castle

Price includes: Admission to the Karlstejn Castle circle I, Eng. sp. guide, transportation

Price pp: 1 080 CZK

This half-day trip to the 14<sup>th</sup> century Karlstejn Castle takes you on a tour of a historical site where the crown jewels and personal relics of the Holy Roman Emperor Charles IV are stored. The castle, surrounded by a beautiful romantic countryside, ranks among the most visited castles in the Czech Republic.

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## TOUR 6: Scientific Prague

Price includes: Eng. sp. guide, transportation

Price pp: 600 CZK

Prague enjoys hundreds of years of history as one of the most important metropolitan centers as well as religious crossroads right in the Heart of Europe. Geographical position predestined Prague to live dynamic cultural and social life and to become past, current and future center full of rich scientific life. This four hour walk will give you opportunity to get a brief look back at lives of some interesting personalities from many fields of science that were connected to Prague. From historically less well known names let's remember St. Agnes of Bohemia – foundress of St. Francis hospital for the sick and poor, famous Prague's executioner Jan Mydlar – aspiring doctor without a diploma, master Albik from UnicoV – personal doctor of king Wenceslas IV and professor of Prague University, further let's not leave out many scientist active around the court of Emperor Rudolph II such as Jan Jesensky (Jesenius) who in 1600 performed the first public autopsy in the countries belonging to Czech Crown, famous astronomer Tycho de Brahe, mysterious Rabi Löw (Yehudah ben Bezael) or Jan Marcus Marci. Let's also recall other important personalities of Czech medicine – Jan Evangelista Purkyne, whose statue is placed on Charles Square, and Jan Jansky who first classified human blood into four groups. We will pass by Charles University, formerly German Karlo-Ferdinand University, where, during their studies, Carl Cori met his wife Gerty Theresa. Couple later won the Nobel Prize for their discovery of the course of the catalytic conversion of glycogen. We should also mention one of the founders of Gestalt psychology – Prague native Max Wertheimer. Our walk concludes with a visit to Smichov, part of the city where the house of the Nobel Prize Winner in Chemistry Jaroslav Heyrovsky still stands.

## CHEP 2009 DRAFT PROGRAMME

	Saturday 21 March	Sunday 22 March	Monday 23 March	Tuesday 24 March	Wednesday 25 March	Thursday 26 March	Friday 27 March
9:00	WLCG Workshop	WLCG Workshop	Opening ceremony Plenary session	Plenary session	Plenary session	Plenary session	Summary talks
10:00			coffee, exhibits and posters	coffee, exhibits and posters	coffee, exhibits and posters	coffee, exhibits and posters	coffee
11:00			Plenary session	Plenary session	Plenary session	Plenary session	Summary talks
12:30			lunch	lunch	Tours	lunch	
14:00			Parallel sessions	Parallel sessions		Parallel sessions	
			coffee	coffee		coffee	
16:30			Parallel sessions	Parallel sessions		Parallel sessions	
18:00		Welcome reception					
20:00		Free for dinner	Free for dinner	Free for dinner	Free for dinner	Conference banquet	

## IMPORTANT DATES AND DEADLINES

29 September 2008	abstract submission opens
29 September 2008	conference registration opens
13 November 2008	abstract submission deadline
15 December 2008	conference programme
15 December 2008	end of early registration

## FURTHER INFORMATION

The conference is co-organized by the following Czech institutions:

- CESNET
- Charles University in Prague, Faculty of Mathematics and Physics
- Czech Technical University in Prague
- Institute of Physics AS CR
- Nuclear Physics Institute AS CR

Web-site: <http://www.particle.cz/chep2009>

### Conference secretariat:

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