



ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



Overview

Scientific Programme

Call for Abstracts

View my Abstracts

Submit Abstract

Timetable

Paper Reviewing

Book of Abstracts

Registration

Registration Form

Participant List

Organizers

Important dates

Local information

Venue

Hotels

Travel to Prague

Tours

Social programme

Tourist info

Visa

Downloads

Bulletin 1 (PDF)

Bulletin 2 (PDF)

Poster (PDF)

Hi res Poster (PDF)

Invitation leaflet (PDF)

Previous workshops

Call for Sponsors

Public lecture

Veřejná přednáška (CZ)

Secretary

acat2014@particle.cz

16th International workshop on Advanced Computing and Analysis Techniques in physics research (ACAT)

The ACAT workshop series, formerly known as AIHENP (Artificial Intelligence in High Energy and Nuclear Physics), was created back in 1990. Its main purpose is to gather three different communities: experimental and theoretical researchers as well as computer scientists to critically analyze past achievements and to propose new or advanced techniques to building better computing tools to boost scientific research, in particular in physics.

In the past, it has established bridges between physics and computer science research, facilitating advances in our understanding of the Universe at its smallest and largest scales. With the Large Hadron Collider, FAIR, eRHIC, EIC, the future International Linear Collider and the many astronomy and astrophysics experiments collecting larger and larger amounts of data, deep communication and cooperation are needed now more than ever.

The 16th edition of ACAT will explore the boundaries of computing system architectures, data analysis algorithmics, automatic calculations as well as theoretical calculation technologies. It will create a forum for confronting and exchanging ideas among these fields and will explore and promote new approaches in computing technologies for scientific research.

Although mainly focusing on high-energy physics, talks related to nuclear physics, astrophysics, laser and condensed matter physics, earth physics, biophysics, and others, are most welcome.

@ **International Advisory And Coordination Committee (IACC)**: Denis Perret-Gallix

@ **Local Organizing Committee (LOC)**: Milos Lokajicek

@ **Scientific Program Committee (SPC)**: Federico Carminati



Starts 1 Sep 2014 08:00
Ends 5 Sep 2014 18:00
Europe/Prague

Faculty of Civil Engineering
Faculty of Civil Engineering, Czech Technical University in Prague
Thakurova 7/2077
Prague
166 29
Czech Republic





ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



CHARLES UNIVERSITY IN PRAGUE



CZECH TECHNICAL UNIVERSITY IN PRAGUE

- Overview
- Scientific Programme**
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Secretary
m acat2014@particle.cz

Scientific Programme

a

The workshop builds bridges between computer science, experimental and theoretical physics in three topical areas.

Although mainly focusing on high-energy physics, talks related to nuclear physics, astrophysics, laser and condensed matter physics, earth physics, biophysics and other physics sciences, are most welcome.

Plenary talks are for 30 minutes with 5 minutes for questions. Parallel talks are for 20 minutes with 5 additional minutes for questions.

There will also be a poster session. The recommended format of the posters is A0. The board size is 125cm (w) x 185cm (h).

Tracks:

ⓐ Computing Technology for Physics Research

- Languages, Software quality, IDE and User Interfaces
 - Languages (new C++ standard, Java, ...)
 - Software quality assurance; code reflection; documentation, performance and debugging tools
 - IDE and frameworks
 - User Interfaces, Common Libraries.
- Distributed and Parallel Computing
 - Multilevel parallelism
 - Distributed computing
 - GRID and Cloud computing
- New architectures, many and multi-cores
 - Many-core
 - Accelerator-based computing (GPU, etc)
 - High precision computing (hardware)
- Virtualisation
- Online Computing
 - Advanced Monitoring, Diagnostics and Control
 - Scalable distributed data collectors
 - High Level Triggering (HLT)
 - Stream event processing & High Throughput Computing (HTC)

ⓑ Data Analysis - Algorithms and Tools

- Machine Learning
 - Neural Networks and Other Pattern Recognition Techniques
 - Evolutionary and Genetic Algorithms
 - Automation of Science: Data to formula
- Advanced Data Analysis Environments
 - Statistical Methods, Multivariate analysis
 - Data mining
- Simulation, Reconstruction and Visualisation Techniques
 - Detector and Accelerator Simulations, MC and fast MC
 - Reconstruction Algorithms
 - Visualization Techniques; event displays
- Advanced Computing
 - Quantum Computing
 - Bio Computing; life process simulation, brain simulation, Quantum biology

ⓒ Computations in Theoretical Physics: Techniques and Methods

- Automatic Systems
 - Automatic Computation Systems: from Processes to Event Generators
 - Multi-dimensional Integration and Event Generators
 - Intensive High Precision Numerical Computations: Algorithms and Systems
- Higher orders
 - One-loop event generators
 - Multi-loop Calculations and Higher Order Corrections
- Computer Algebra Techniques and Applications
- Computational physics, Theoretical and simulation aspects
 - Lattice QCD,
 - Cosmology, Universe Large Scale Structure, Gravitational waves
 - Nuclear physics N-body computation,
 - Plasma physics,
 - Earth Physics, climate, earthquakes





ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



INSTITUTE
OF PHYSICS
AS CR



NUCLEAR
PHYSICS
INSTITUTE
AS CR



CHARLES
UNIVERSITY
IN PRAGUE



CZECH
TECHNICAL
UNIVERSITY
IN PRAGUE

Overview

Scientific Programme

Call for Abstracts

View my Abstracts

Submit Abstract

Timetable

Paper Reviewing

Book of Abstracts

Registration

Registration Form

Participant List

Organizers

Important dates

Local information

Venue

Hotels

Travel to Prague

Tours

Social programme

Tourist info

Visa

Downloads

Bulletin 1 (PDF)

Bulletin 2 (PDF)

Poster (PDF)

Hi res Poster (PDF)

Invitation leaflet (PDF)

Previous workshops

Call for Sponsors

Public lecture

Veřejná přednáška (CZ)

Secretary

acat2014@particle.cz

Registration

Registration opening day: 28 April 2014
Registration deadline: 05 September 2014
Contact info: acat2014@particle.cz

The conference fee is 11 500 CZK and covers conference organization cost, welcome reception, coffee breaks, four lunches, conference banquet and cultural event. If you register and pay before 1st of July 2014 there is an Early Bird Discount, so that the conference fee amounts to 10 000 CZK.

On-site registration fee (from 1 September 2014) is 13 000 CZK.

Accompanying person fee is 5 000 CZK and includes welcome reception, conference banquet and cultural event.

Cancellation before end for early registration deadline – full refund minus administration fee. Cancellation between 1 July and 15 August – 50% refund. No refund for cancellation after 15 August.

You have the option to pay by credit card or direct debit via PayPal - this does not require a PayPal account. Alternatively you may pay via bank transfer as follows:

Bank: **UniCredit Bank Czech Republic**
IBAN: **CZ3127000000002106535627**
SWIFT (BIC): **BACXCZPP**
Name of beneficiary: **Fyzikalni ustav AV CR, v.v.i.**
Address: **Na Slovance 1999/2, 182 21 Prague 8, Czech Republic**
Vat ID: **CZ68378271**
Please mark the transfer in any case with the keyword „ACAT“ and attendee's name(s).

Possible actions you can carry out:

Show registration form

PLATINUM



BROOKHAVEN
NATIONAL LABORATORY

GOLD

DataDirect
NETWORKS

SILVER

Bright Computing





ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List**
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Participant List

Number of participants: 113

name	institution	city	country/region
Mr. ADAM, Martin	FZU	Husinec-Řež	Czech Republic
Dr. ADAMOVA, Dagmar	NPI AS CR Prague/Rez	Rez	Czech Republic
ADDE, Geoffray Michel	CERN	Geneva	Switzerland
Mr. ALTUNDAG, Ali Mehmet	Cukurova University (TR)	Geneva	Switzerland
APOSTOLAKIS, John	CERN	Meyrin	Switzerland
ARKHIPKIN, Dmitry	Brookhaven National Laboratory	Upton	United States
Dr. AVOLIO, Giuseppe	CERN	Geneve	Switzerland
Dr. BALAZ, Antun	Institute of Physics Belgrade	Belgrade	Serbia
BANDIERAMONTE, Marilena	University of Catania and INAF (IT)	Catania	Italy
Mr. BATKOVICH, Dmitrii	Saint-Petersburg State University	Saint-Petersburg	Russian Federation
Ms. BELUFFI, Camille	Universite Catholique de Louvain (UCL) (BE)	Louvain-la-Neuve	Belgium
Mr. BERTA, Peter	Charles University (CZ)	Prague	Czech Republic
BLOMER, Jakob	CERN	Geneva	Switzerland
Dr. BOGOLUBSKY, Igor	JINR Dubna	Dubna, Moscow region	Russian Federation
BORINSKY, Michael	Humboldt University Berlin	Berlin	Germany
Prof. BOUGHEZAL, Radja	Argonne National Laboratory	Argonne	United States
BRITSCH, Markward	Max-Planck-Gesellschaft (DE)	Heidelberg	Germany
Prof. BRITTON, David	University of Glasgow (GB)	Glasgow	United Kingdom
Dr. CARMINATI, Federico	CERN	Geneva	Switzerland
Dr. CHUDOBA, Jiri	Acad. of Sciences of the Czech Rep. (CZ)	Prague	Czech Republic
Prof. CLARK, Stewart	University of Durham	Durham	United Kingdom
COLOMBO, Tommaso	CERN and Universität Heidelberg	Genève	Switzerland
Mr. CONTE, Eric	GRPHE (FR)	Strasbourg	France
Mr. COX, Mitchell Arij	University of the Witwatersrand (ZA)	Johannesburg	South Africa
Prof. CVETIC, Gorazd	Santa Maria University	Valparaiso	Chile
DAVIDEK, Tomas	Charles University (CZ)	Prague	Czech Republic
Prof. DE DONCKER, Elise	Western Michigan University	Kalamazoo	United States
DRAHZAL, Matthew	IBM USA	-	United States
DYDYSHKA, Yahor	Byelorussian State University (BY)	Minsk	Belarus
Mr. FANELLI, Cristiano	INFN ISS	Roma	Italy
FERENCEI, Jozef	Nuclear Physics Institute of the ASCR	Řež	Czech Republic
FIALA, Lukas	Institute of Physics AS CR	Prague	Czech Republic
Mr. FRANCO, Jiri	Czech Technical University in Prague	Prague	Czech Republic

PLATINUM

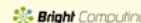


BROOKHAVEN NATIONAL LABORATORY

GOLD



SILVER



Secretary

m acat2014@particle.cz

FUNKE, Daniel	CERN/KIT	Geneve	Switzerland
Prof. GAGUNASHVILI, Nikolay	University of Akureyri	Akureyri	Iceland
Dr. GASPARD, Clara	CERN	Geneva	Switzerland
GHEATA, Andrei	CERN	Geneva	Switzerland
Mr. GLASER, Christian	RWTH Aachen University	Aachen	Germany
GRIGORAS, Alina Gabriela	CERN	Geneva	Switzerland
HAHN, Thomas	MPI f. Physik	Munich	Germany
Mr. HATANO, Takahiro	The University of Tokyo	Tokyo	Japan
HEINRICH, Gudrun	Max Planck Institute for Physics	Munich	Germany
Mr. HEYMES, David	RWTH Aachen University	Aachen	Germany
Mr. ILESANMI, GBEKELOLUWA	GOVERNMENT TECHNICAL COLLEGE	OSOGBO	Nigeria
Prof. JONES, Roger	Lancaster University (GB)	Lancaster	United Kingdom
Dr. KALMYKOV, Mikhail	II. Institut für Theoretische Physik, Universität Hamburg/ JINR, Dubna	Hamburg	Germany
Dr. KLIMENTOV, Alexei	Brookhaven National Laboratory (US)	Upton	United States
KNAPP, Frantisek	Charles University in Prague	Prague	Czech Republic
KOCOURKOVA, Martina	IBM Ceska republika	Praha 4	Czech Republic
Mr. KOLOS, Serguei	University of California Irvine (US)	Geneve	Switzerland
Dr. KOMPANIETS, Mikhail	St. Petersburg State University (RU)	St.Petersburg	Russian Federation
KORENKOV, Vladimir	Joint Inst. for Nuclear Research (RU)	Dubna	Russian Federation
Dr. KROKOVNY, Pavel	Novosibirsk State University and Budker Institute of Nuclear Physics (RU)	Novosibirsk	Russian Federation
LANDRY-LANE, Janis	IBM USA	-	United States
Dr. LAURET, Jerome	BROOKHAVEN NATIONAL LABORATORY	Upton	United States
Dr. LINDÉN, Tomas	Helsinki Institute of Physics (FI)	Helsinki	Finland
Dr. LIN, Simon	Academia Sinica (TW)	Taipei	Taiwan
LOKAJICEK, Milos	Acad. of Sciences of the Czech Rep. (CZ)	Prague	Czech Republic
Dr. LORENZ, Jeanette Miriam	Ludwig-Maximilians-Univ. Muenchen (DE)	Garching	Germany
Mr. LUDACKA, Radek	Czech Technical University	Prague	Czech Republic
Dr. MAGNONI, Luca	CERN	Geneve	Switzerland
Mr. MAKATUN, Dzmitry	NPI AS CR	Prague	Czech Republic
Dr. MALINSKY, Michal	IPNP, Charles University	Prague	Czech Republic
MATOUŠEK, Vladislav	Institute of Physics, Slovak Academy of Sciences	845 11 Bratislava	Slovakia
MERTENS, Alexandre Jean N	Universite Catholique de Louvain (UCL) (BE)	5000 Namur	Belgium
Mr. MEUSEL, Rene	CERN	Geneva	Germany
Dr. MOTOKI, Shinji	High Energy Accelerator Research Organization(KEK)	Tsukuba	Japan
Mr. MOTT, Alexander	California Institute of Technology (US)	Pasadena, CA	United States
NAUMANN, Axel	CERN	Geneva	Switzerland
Mr. NOWAK, Marcin	Brookhaven National Laboratory (US)	Geneva	Switzerland
Mr. PANDIS, Vassilis	Imperial College London	London	United Kingdom
PENC, Ondrej	Acad. of Sciences of the Czech Rep. (CZ)	Prague	Czech Republic
Dr. PERRET-GALLIX, Denis	Centre National de la Recherche Scientifique (FR)	Gex	France
Mr. POSLAVSKY, Stanislav	Institute for High Energy Physics, Protvino, Russia	Protvino	Russian Federation

POSPISIL, Jan	Nuclear Physics Institute of the ASCR, v. v. i.	Rez	Czech Republic
Dr. POTEKHIN, Maxim	Brookhaven National Laboratory (US)	Upton	United States
Mr. POZO ASTIGARRAGA, Mikel Eukeni	CERN	Geneve	Switzerland
Prof. PRATT, Scott	Michigan State University	East Lansing, MI	United States
Dr. PROUZA, Michael	Institute of Physics AS CR, Prague	Prague	Czech Republic
PRÍBELI, Peter	Faculty of Nuclear Sciences and Physical Engineering	Prague	Czech Republic
PULVERMACHER, Christian	KIT	Karlsruhe	Germany
Prof. RANIWALA, Sudhir	University of Rajasthan (IN)	Jaipur, INDIA	India
Mr. RAUCH, Johannes	Technischen Universität München	85746 Garching	Germany
REUSCHLE, Christian	Karlsruhe Institute of Technology (KIT)	Karlsruhe	Germany
REUTER, Juergen	DESY Hamburg, Germany	Hamburg	Germany
Dr. RIEMANN, Tord	DESY	Zeuthen	Germany
RUBTSOV, Grigory	INR RAS	Moscow	Russian Federation
SAILER, Andre	CERN	Geneva	Switzerland
Dr. SAPRONOV, Andrey	Joint Inst. for Nuclear Research (RU)	Dubna, Moscow reg.	Russian Federation
Mr. SMITH, Joshua Wyatt	University of Cape Town (ZA)	Cape Town	South Africa
SOPKOVÁ, Filoména	Slovak Academy of Sciences (SK)	Košice	Slovakia
Mr. SOTTO-MAIOR PERALVA, Bernardo	Juiz de Fora Federal University (BR)	Juiz de Fora	Brazil
Dr. SPOUSTA, Martin	Charles University	Prague	Czech Republic
Dr. STYLES, Nicholas	Deutsches Elektronen-Synchrotron (DE)	Hamburg	Germany
Mr. SUMBERA, Michal	Nuclear Physics Institute (CZ)	Praha	Czech Republic
Mr. SVEC, Jan	Institute of Physics AS CR	Prague	Czech Republic
TUMOVA, Nina	Acad. of Sciences of the Czech Rep. (CZ)	Prague	Czech Republic
TZENG, Kathy	IBM USA	-	United States
Mr. TÓTH, Šimon	CESNET z.s.p.o.	Brno	Czech Republic
VANAT, Tomas	Acad. of Sciences of the Czech Rep. (CZ)	Prague	Czech Republic
Mr. VASILEV, Vasil Georgiev	CERN	Geneva	Switzerland
VENC, Jakub	IBM Ceska republika	-	Czech Republic
Dr. VERKERKE, Wouter	NIKHEF (NL)	Amsterdam	Netherlands
Mr. VON SODEN-FRAUNHOFEN, Johann Felix	Max Planck Institute for Physics, Munich	80805 München	Germany
VON TOERNE, Eckhard	University of Bonn	Bonn	Germany
VOSS, Helge	MPIK Heidelberg	Geneva	Switzerland
Mr. WALZ, David	III. Physikalisches Institut A, RWTH Aachen	Aachen	Germany
Prof. WATTS, Gordon	University of Washington (US)	Seattle	United States
Dr. WENZEL, Sandro Christian	CERN	Geneva	Switzerland
YERMOLCHYK, Vitaly	Byelorussian State University (BY)	Minsk	Belarus
Mr. ZIMMERMANN, Markus Bernhard	Cern, Westfaelische Wilhelms-Universitaet Muenster (DE)	1211 Geneva 23	Switzerland
ŘÍKAL, Václav	Fyzikalni ustav AV CR, v.v.i.	Praha	Czech Republic
ŽITKA, Vladimír	Faculty of Nuclear Sciences and Physical Engineering	Prague	Czech Republic





ACAT 2014

- bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



CHARLES
UNIVERSITY
IN PRAGUE



CZECH
TECHNICAL
UNIVERSITY
IN PRAGUE

- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List

Organizers

International Advisory and Coordination Committee

- Andrej Arbusov (BLTP JINR Russia)
- Pushpalatha Bhat (Fermilab USA)
- David Britton, advisor for Track 1 (Glasgow University UK)
- Federico Carminati (CERN Switzerland)
- Denis Oliveira Damazio, advisor for Track 2 (BNL USA)
- Bruce Denby (U. Pierre et Marie Curie France)
- Junpei Fujimoto, advisor for Track 3 (KEK Japan)
- Fabrizio Gagliardi (Supercomputing Centre Barcelona Spain)
- Clara Gaspar, advisor for Track 1 (CERN Switzerland)
- Gudrun Heinrich, advisor for Track 3 (MPI-Munich Germany)
- Andrei Kataev, advisor for Track 3 (INR Russia)
- Christian Kiesling (MPI-Munich Germany)
- Alexander Kryukov (SINP Russia)
- Jerome Lauret, advisor for Track 1 (BNL USA)
- Milos Lokajicek (FZU Prague Czech Republic)
- Daniel Maitre, advisor for Track 3 (Durham University UK)
- Axel Naumann (CERN Switzerland)
- Denis Perret-Gallix, Chair (IN2P3/CNRS France)
- Fons Rademakers (CERN Switzerland)
- Sudhir Raniwala (Rajasthan University India)
- Tord Riemann, advisor for Track 3 (DESY Germany)
- Grigory Rubtsov (INR Russia)
- Jose Seixas (Rio de Janeiro Federal University Brazil)
- Thomas Speer, advisor for Track 2 (Brown University USA)
- Liliana Teodorescu (Brunel University UK)
- Peter Uwer, advisor for Track 3 (Humboldt-University Germany)
- Jianxiang Wang (IHEP China)
- Monique Werlen (LAPTH France)

Programme committee

- Track 1
 - Dagmar Adamova (NPI, Czech Republic)
 - Jiri Chudoba (FZU, Czech Republic)
 - Axel Naumann, liaison (CERN, Switzerland)
 - Niko Neufeld (CERN, Switzerland)
- Track 2
 - Alina Grigoras (CERN, Switzerland)
 - Lorenzo Moneta, liaison (CERN, Switzerland)
 - Martin Spousta (Charles University, Czech Republic)
- Track 3
 - Radja Boughezal (Northwestern University, USA)
 - Michal Malinsky (Charles University, Czech Republic)
 - Grigory Rubtsov, liaison (INR, Russia)

Local organizing committee

- Charles University in Prague, Faculty of Mathematics and Physics
 - Tomas Davidek
 - František Knapp
- Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering
 - Vojtech Petracek
- Institute of Physics, Academy of Sciences of the Czech Republic
 - Lukas Fiala
 - Milos Lokajicek
 - Nina Tumova
- Nuclear Physics Institute, Academy of Sciences of the Czech Republic
 - Dagmar Adamova
 - Michal Sumbera



Secretary
m acat2014@particle.cz





ACAT 2014

- bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates**
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Important dates

- Ⓞ Abstracts submission deadline - ~~30 May 2014~~ **6 June 2014**
- Ⓞ Contribution acceptance announced - **25 June 2014**
- Ⓞ Early registration by - **1 July 2014**
- Ⓞ Off-site registration by - **15 August 2014**
- Ⓞ On-site registration - **1-5 September 2014**
- Ⓞ Paper submission by **30 September 2014**

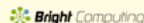
PLATINUM



GOLD



SILVER



Secretary

m acat2014@particle.cz



Powered by Indico





ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Local information

- Venue
- Hotels
- Travel to Prague
- Tours
- Social programme
- Tourist info
- Visa

PLATINUM



BROOKHAVEN
NATIONAL LABORATORY

GOLD

DataDirect
NETWORKS

SILVER

Bright Computing

Secretary

m acat2014@particle.cz



Powered by Indico





ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops**
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Previous workshops

ACAT workshop series main repository: <http://acat.in2p3.fr>

- Ⓜ Workshop 1990: Lyon, France, March 19-24
- Ⓜ AIHENP 1992: La Londe Les Maures, France, January 13-18
- Ⓜ AIHENP 1993: Oberammergau, Germany, October 4-8
- Ⓜ AIHENP 1995: Pisa, Italy, April 3-8
- Ⓜ AIHENP 1996: Lausanne (EPFL-UNIL), September 2-6
- Ⓜ AIHENP 1999: Heraklion, Crete, April 12-16
- Ⓜ ACAT2000: Fermilab, USA, October 16-20
- Ⓜ ACAT2002: Moscow, Russia, June 24-28
- Ⓜ ACAT 2003: KEK, Japan, December 1-5
- Ⓜ ACAT 2005: DESY, Germany, May 22-27
- Ⓜ ACAT 2007: NIKHEF, Nederland, April 23-27
- Ⓜ ACAT 2008: Erice, Sicily, November 3-7
- Ⓜ ACAT 2010: Jaipur, India, February 22-27
- Ⓜ ACAT 2011: Uxbridge, UK, September 5-9
- Ⓜ ACAT 2013: IHEP, Beijing, China, May 16-21

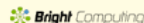
PLATINUM



GOLD



SILVER





ACAT 2014

- bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors**
- Public lecture
- Veřejná přednáška (CZ)

Call for Sponsors

Computing activity in scientific research has always been closely related to the progress in the computing industry and, even more recently, with the IT companies. This has been a win-win cooperation; research cannot be performed without the great progress of the industry on CPU design, for example, and on the other hand the WEB was invented for HEP as well as the WIFI for astronomy. The ACAT workshop series is, therefore, welcoming the participation and sponsorship of the industry. Three levels of involvement are proposed, please contact the organizers for the associated fees.

Platinum

- Ⓜ Possibility of one oral technical presentation at the workshop. Based on abstract, the Programme Committee may select as plenary or parallel presentation, if high content of scientific and or technical information in line with the interests of the workshop is proposed. No advertisement during presentation is allowed.
- Ⓜ Rollup in Foyer
- Ⓜ Table with 2 chairs in the Foyer
- Ⓜ Introduction at the dinner
- Ⓜ Company logo on the ACAT website, programme leaflet and possibly on other materials
- Ⓜ Right to giveaways

Gold

- Ⓜ Rollup in Foyer
- Ⓜ Table with 2 chairs in the Foyer
- Ⓜ Introduction at the dinner
- Ⓜ Company logo on the ACAT website, programme leaflet and possibly on other materials
- Ⓜ Right to giveaways

Silver

- Ⓜ Table with 2 chairs in the Foyer
- Ⓜ Introduction at the dinner
- Ⓜ Company logo on the ACAT website, programme leaflet and possibly on other materials
- Ⓜ Right to giveaways

PLATINUM



GOLD



SILVER





ACAT 2014

- bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors

- Public lecture
- Veřejná přednáška (CZ)

Secretary
[m acat2014@particle.cz](mailto:acat2014@particle.cz)

Public lecture - In Czech Language

On Monday, 1st September on the occasion of the international conference ACAT2014 (Advanced Computing and Analysis Techniques in Physics Research) will be the following public lecture:

Jiri Grygar: Petabyte Astronomy

1. Virtual observatories, data archives
2. Simulations of large scale structures of the Universe
3. Synoptic astronomy, data mining

Lecture starts in 18 hours in the classroom B280. The course is intended for the general public. It will be in Czech language only and admission is free. Hall capacity is limited to 250 seats. In the case of greater participation, the lecture will be also transmitted to the next lecture, again with 250 seats.

Poster



[Event page in Czech](#)





ACAT 2014

- bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture

Veřejná přednáška (CZ)

Secretary

m acat2014@particle.cz

Veřejná přednáška

V rámci mezinárodní konference ACAT2014 (Advanced Computing and Analysis Techniques in physics research) proběhne v pondělí 1. září 2014 veřejná přednáška:

RNDr. Jiří Grygar, CSc. : Petabytová astronomie

1. Virtuální observatoře (archivy fotografických a spektroskopických dat)
2. Simulace složitých teoretických problémů (výbuchy supernov; vývoj velkorozměrových struktur vesmíru)
3. Synoptická astronomie (opakované snímkování celé oblohy s vysokou kadencí)

Místo konání

Fakulta stavební - České učení technické v Praze

Thákurova 7/2077
Praha
[detaily](#)

GPS: 50°6'15.394"N; 14°23'19.269"E

Podrobnosti

Začátek přednášky je v 18 hodin v posluchárně B280. Přednáška je určena pro širokou veřejnost, bude v českém jazyce a vstup je volný. Kapacita sálu je omezena na 250 míst. V případě větší účasti bude přednáška přenášena také do vedlejší posluchárny opět s kapacitou 250 míst.

Plakát



Ke stažení

[plakát v PDF](#)

PLATINUM

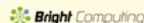


BROOKHAVEN NATIONAL LABORATORY

GOLD



SILVER





ACAT 2014

- bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Venue

Address

Faculty of Civil Engineering, Czech Technical University in Prague

Thakurova 7/2077
Prague
166 29
Czech Republic
[Google details](#)

Latitude: 50°6'15.394"N
Longitude: 14°23'19.269"E

[Map](#)

Directions

The venue is easily accessible by **Prague public transport**. web: www.dpp.cz/en/

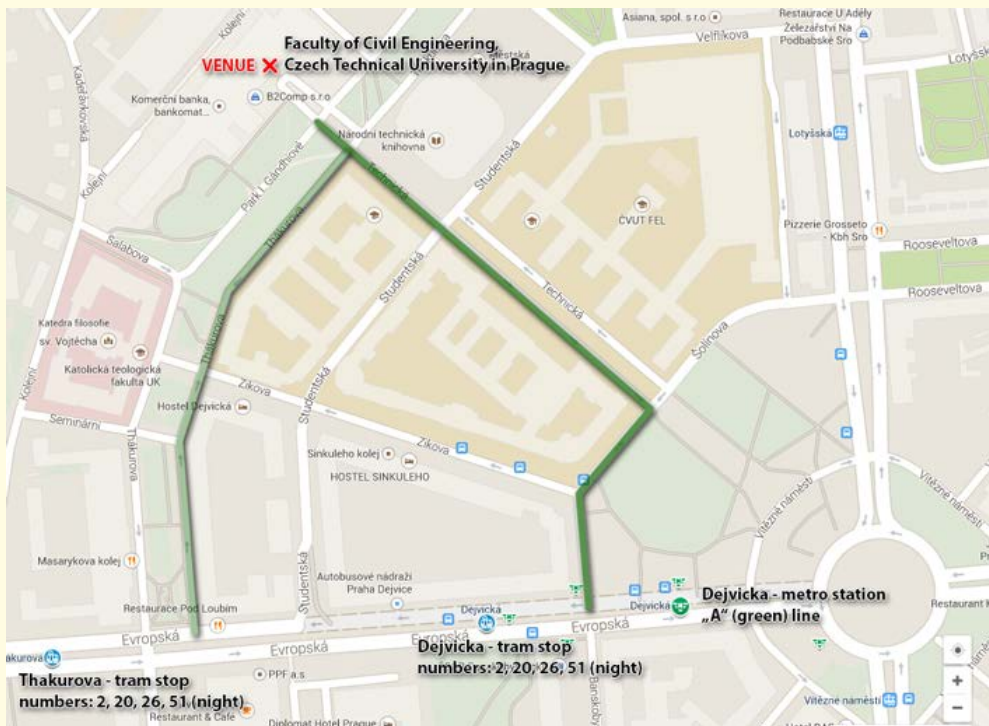
- By Metro: Take the "A" (green) line to **Dejvická** station and take exit labeled **Vysoké školy**.
- By tram: Take the tram number 2, 20, 26 or 51 (night) to the **Dejvická** stop.
- By bus: Take the bus number 161, 218 or 119 (from airport) to the **Dejvická** stop.

Take **Šolínova** street to the North, turn left on **Technická** street and follow the street to its dead end. Entrance to the building will be in front of you.

Alternatively

- By tram: Take the tram number 2, 20, 26 or 51 (night) to the **Thákurova** stop.

Take **Thákurova** street and follow its to the crossroad with **Technická** street. Entrance to the building will be on your left.



[Open Google maps](#)

Wifi access

eduroam

Eduroam network will be available and it is recommended option.

fsv-ap

PLATINUM



BROOKHAVEN NATIONAL LABORATORY

GOLD



SILVER



Secretary

acat2014@particle.cz

For those who do not have the possibility to use eduroam network, SSID: "fsv-ap" network will be available. Username and password for the connection will be available on the registration desk and noticeboards.



Powered by [Indico](#)





ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



CHARLES UNIVERSITY IN PRAGUE



CZECH TECHNICAL UNIVERSITY IN PRAGUE

- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Secretary
m acat2014@particle.cz

Hotels

List of the recommended hotels.

- @ [Hotels in Prague center](#)
- @ [Hotels close to the conference venue](#)

Hotels in Prague center

Top

HOTEL ELYSEE *single room: 70 EUR, double room: 87 EUR, use code: FZUAV-CC*
<http://www.hotelelyseeprague.cz>

time to the venue: **less than 20 min by metro**

Hotel Elysee [Google details](#)
Wenceslas Square 43
110 00, Prague 1

Continuation of the directions from the transportation page. On Dejvická take the Metro "A" (green) and get off at Muzeum station and take exit labeled "Václavské náměstí". [Walk directions from Muzeum station to the Elysee Hotel](#)

Directions to the venue: Take the Metro "A" (green) line, get off at Dejvická station. Continue according the directions on the [Venue](#) page.

Hotels close to the conference venue

Top

HOTEL DIPLOMAT *single room: 90 EUR, double room: 100 EUR*
<http://www.hoteldiplomat.cz>

time to the venue: **8 min on foot walk directions**

Diplomat Hotel Prague [Google details](#)
Evropská 15
160 41 Prague 6

Continuation of the directions from the transportation page. At Dejvická station take exit labeled "Evropská". You will see hotel 100 meters in front of you. [Walk directions from Dejvická station to the Hotel Diplomat.](#)

MASARYKOVA KOLEJ - HOTEL *single room: 1220 CZK, double room: 1590 CZK*
<http://www.masarykovakolej.cz>

time to the venue: **6 min on foot walk directions**

Masarykova kolej - hotel [Google details](#)
Thákurova 550
160 41, Prague 6

Continuation of the directions from the transportation page. At Dejvická station take exit labeled "Vysoké školy". [Walk directions from Dejvická station.](#)

MASARYKOVA KOLEJ - HOSTEL *single room: 500 CZK, double room: 900 CZK*
<http://www.masarykovakolej.cz>

time to the venue: **6 min on foot walk directions**

Masarykova kolej - hostel [Google details](#)
Thákurova 550
160 41, Prague 6

Continuation of the directions from the transportation page. At Dejvická station take exit labeled "Vysoké školy". [Walk directions from Dejvická station.](#)

HOTEL DAP *single room: 1000 CZK, double room: 1760 CZK*
<http://www.daphotel.cz>

time to the venue: **10 min on foot walk directions**

Hotel DAP [Google details](#)
Vítězné náměstí 4
160 00, Prague 6

Continuation of the directions from the transportation page. At Dejvická station take exit labeled "Vítězné náměstí". Hotel DAP is 30 meters from the Metro exit, on the southern part of the square. [See map for the details.](#)

HOTEL DENISA *single room: 86 EUR, double room: 102 EUR*
<http://www.hotel-denisa.cz/>

time to the venue: **11 min on foot walk directions**

Hotel Denisa [Google details](#)



Národní obrany 33
160 00, Prague 6

Continuation of the directions from the [transportation page](#). At Dejvická station take exit labeled "Vítězné náměstí". [Walk directions from Dejvická station to the Hotel Denisa \(4 min\)](#)

HOTEL BELVEDERE

single room: 51 EUR, double room: 63 EUR, use code: FZUAV-CC
<http://www.hotelbelvedereprague.cz/>

time to the venue: **less than 15 min by tram**

Hotel Belvedere
Milady Horákové 479
170 00, Prague 7

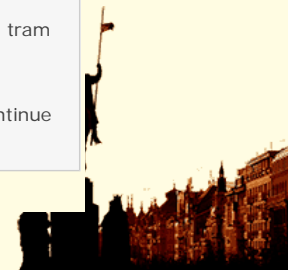
[Google details](#)

Continuation of the directions from the [transportation page](#). At Dejvická stop change to the tram no. 8, 26 or 51 (night). Get off at Kamenická stop. [Directions from Dejvická station to the Hotel Belvedere \(13 min\)](#)

Directions to the venue: Take tram no. 8 or 26 going uphill, get off at "Vítězné náměstí" stop. Continue according the directions on the [Venue](#) page.



Powered by Indico





ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



Overview

Scientific Programme

Call for Abstracts

View my Abstracts

Submit Abstract

Timetable

Paper Reviewing

Book of Abstracts

Registration

Registration Form

Participant List

Organizers

Important dates

Local information

Venue

Hotels

Travel to Prague

Tours

Social programme

Tourist info

Visa

Downloads

Bulletin 1 (PDF)

Bulletin 2 (PDF)

Poster (PDF)

Hi res Poster (PDF)

Invitation leaflet (PDF)

Previous workshops

Call for Sponsors

Public lecture

Veřejná přednáška (CZ)

Secretary

acat2014@particle.cz

Travel to Prague

Arrival by airplane

Transportation from the **Vaclav Havel Airport Prague** to the hotels is available by Taxi or Public transport.

@ **By taxi**, travel time to the Prague where most hotels are located is about 15 minutes, and the fare is not more than 480 CZK. Contact counters of taxi operators are located at the arriving hall of Terminal 1 and 2. Departure points are displayed in front of arriving halls. Be sure to take only authorized Taxi providers (either AAA Radiotaxi or 1.1.1. RadioCAB taxi), and request receipt from the driver.

@ **By public transport**, allow approximately 30 minutes (strongly depends on the location of Your hotel). The fare is 24 CZK for ride up to 30 minutes and 32 CZK for longer rides (up to 90 minutes). You can buy a ticket from Public Transport counters in Arrival Halls of Terminals 1 & 2 (from 7 am to 10 pm), ticket machines placed at bus stops (cash required) or from a bus driver (cash required, price 40 CZK). The Bus stations are located in front of terminal halls. Take the bus number 119 to the Dejvická stop. For the detailed directions to your hotel, see details on the [Hotels](#) or you can contact us if your hotel is not listed there.

Arrival by train

From the **Praha hlavní nádraží (Prague main station)** or **Praha - Holesovice station** take the Metro and follow the directions for your hotel. You can get directions on the [Hotels page](#) or you can contact us if your hotel is not listed there. You can buy a ticket from ticket machines placed at Metro entrances (cash required).

PLATINUM



BROOKHAVEN
NATIONAL LABORATORY

GOLD

DataDirect
NETWORKS

SILVER

Bright Computing



Powered by Indico



ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



INSTITUTE
OF PHYSICS
AS CR



NUCLEAR
PHYSICS
INSTITUTE
AS CR



CHARLES
UNIVERSITY
IN PRAGUE



CZECH
TECHNICAL
UNIVERSITY
IN PRAGUE

Overview

Scientific Programme

Call for Abstracts

View my Abstracts

Submit Abstract

Timetable

Paper Reviewing

Book of Abstracts

Registration

Registration Form

Participant List

Organizers

Important dates

Local information

Venue

Hotels

Travel to Prague

Tours

Social programme

Tourist info

Visa

Downloads

Bulletin 1 (PDF)

Bulletin 2 (PDF)

Poster (PDF)

Hi res Poster (PDF)

Invitation leaflet (PDF)

Previous workshops

Call for Sponsors

Public lecture

Veřejná přednáška (CZ)

Secretary

m acat2014@particle.cz

Tours

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

Sightseeing tour of Prague - 280 CZK

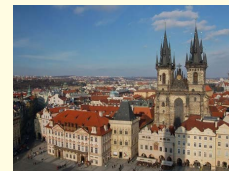
Wednesday, September 3, 14:00 - 17:00
Meeting point: 14:00 - Conference venue

The price includes 2 public transport tickets.

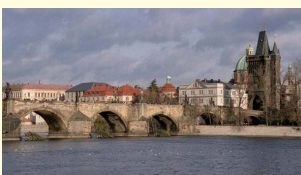
You can see: Old Town Square, Municipal House, Wenceslas Square, Astronomical Clock, Charles Bridge, Nerudova Street, Prague Castle.

Old Town Square

The most significant square of historical Prague. It originated in the 12th century. The square has several dominant features, the baroque St. Nicholas Church (K. I. Dienzenhofer, 1732 – 1737), the rococo Kinsky Palace housing the National Gallery exhibition hall, the Stone Bell House — a gothic city palace from the 14th century — now the Municipal Gallery concert and exhibition halls, and the Memorial to Master Jan Hus sculptured by Ladislav Saloun (1915). The very place where the 27 Czech noblemen were executed on 21 June, 1621, is marked in the square pavement.



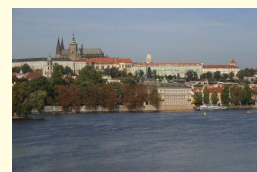
Charles Bridge



The oldest Prague bridge built in the place of the Judita's Bridge that had been badly damaged by a flood in 1342. The Stone or Prague Bridge in 1870 renamed Charles Bridge, was founded by Charles IV in the year 1357. According to the latest research the construction was started by Master Otto and finished by Peter Parler in 1402. Both ends of the bridge are fortified by towers (Lesser Town Bridge Tower, Old Town Bridge Tower). From 1683 to 1928 thirty sculptures and sculptural groups of the saints were gradually set on the bridge piers (M. Braun, F. M. Brokof, etc.). The bridge is 515 meters long and 10 meters wide.

Prague Castle

National cultural monument, the symbol of development of the Czech state. Since its foundation in the last quarter of the 9th century it has been developing uninterruptedly throughout the past eleven centuries. It is a monumental complex of ecclesiastical, fortification, residential and office buildings representing all architectural styles and periods, surrounded by three castle courtyards and covering 45 hectares. Originally it used to be the residence of the princes and kings of Bohemia. Since 1918 it has been the seat of the President.



Trip to Karštejn Castle - 1100 CZK

Wednesday, September 3, 14:00 - 18:30
Meeting point: 14:15 - Conference venue
minimum 15 persons, maximum 48 persons

The price includes entrance to the castle and a picnic snack.

A visit to a majestic gothic castle founded 650 years ago by Charles IV, King of Bohemia and of the Roman Empire. The castle was built in the 14th century as a place for safekeeping of royal treasures, especially the coronation jewels. Located in a picturesque site on the Dragon's rock in the middle of dense forests just about an hour's drive from Prague, for many visitors this is one of the most popular destinations. A trip includes 30 minutes walking.



Trip to Kutná Hora - 950 CZK

Wednesday, September 3, 14:00 - 18:30
Meeting point: 13:45 - Conference venue
minimum 15 persons, maximum 48 persons

The price includes entrance to the gothic cathedral of St. Barbara, the Sedlec Ossuary and a picnic snack.



The picturesque medieval town of Kutná Hora, part of the UNESCO World Cultural and Natural Heritage, is situated approximately 60 km east of Prague. The sources of the beauties and riches of Kutná Hora are in the silver mines that were exploited most intensively in the 14th and 15th century. At that time the town rivalled Prague in importance. During this excursion you will see interesting and impressive sights as the unique gothic cathedral of St. Barbara, the patron saint of miners, Italian Court which is an important building, originally a Royal Mint that once produced Prague Groschen as well. Then you will see the gothic fountain, and the Archdeacon's Church of St. James.

PLATINUM



BROOKHAVEN
NATIONAL LABORATORY

GOLD

DataDirect
NETWORKS

SILVER

Bright Computing

Pilsner Urquell brewery excursion - 1150 CZK

Wednesday, September 3, 14:00 - 18:30
Meeting point: 13:45 - Conference venue
minimum 15 persons, maximum 48 persons

The price includes excursion and a picnic snack.

What excitements await you during your tour of Pilsner Urquell:

- Ⓜ You will learn about the history and secrets behind making the legendary Pilsner Urquell lager.
- Ⓜ You can see the actual spot in the brewery where Pilsner Urquell beer has been brewed since 1842.
- Ⓜ We shall guide you through our modern bottling plant, with its capacity of 120,000 bottles per hour; a unique exposition on the ingredients we use; and the historic and modern Pilsner Urquell brewhouse.
- Ⓜ The tour of the Pilsner Urquell brewery would not be complete without a visit to the historic brewery cellars, where you can taste unfiltered and unpasteurized Pilsner Urquell on tap straight from oak lager barrels.





ACAT 2014

- bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Secretary
m acat2014@particle.cz

Social programme

All participants registered to the conference and their registered Accompanying Persons are warmly invited to the following social events.

Welcome drink

will take place at the conference venue on **Monday** (September 1st) from 18:00.

Concert

will take place at the Bethlehem Chapel (Betlémská Kaple) on **Tuesday** (September 2nd) from 19:00.

The Bethlehem Chapel

Betlémské náměstí 255/4
Prague
[Google details](#)



Latitude: 50°5'3.087"N
Longitude: 14°25'2.736"E

[Map](#)

Directions

The Bethlehem Chapel is located in the historic center of Prague. The best option to get there is by **Prague public transport**. web: www.dpp.cz/en/

- @ By Metro: The nearest metro station is **Národní třída "B"** (yellow) line, then **Můstek "A and B"** (green and yellow) transfer station. Alternatively you can take a not much longer walk from **Staroměstská "A"** (green) line station.
- @ By tram: Please see the map for the possible tram numbers and stops near.



[Open Google maps](#)

Tours

will be on **Wednesday** (September 3rd) from 14:00.

You will find details on the [separate page](#).

Conference dinner

will take place at the Petřínské terasy restaurant on **Thursday** (September 4th) from 19:30.

PLATINUM



BROOKHAVEN NATIONAL LABORATORY

GOLD



SILVER



Petřinské Terasy

Seminářské Zahrady 393
Prague
[Google details](#)

Latitude: 50°5'1.525"N
Longitude: 14°23'54.583"E

[Map](#)

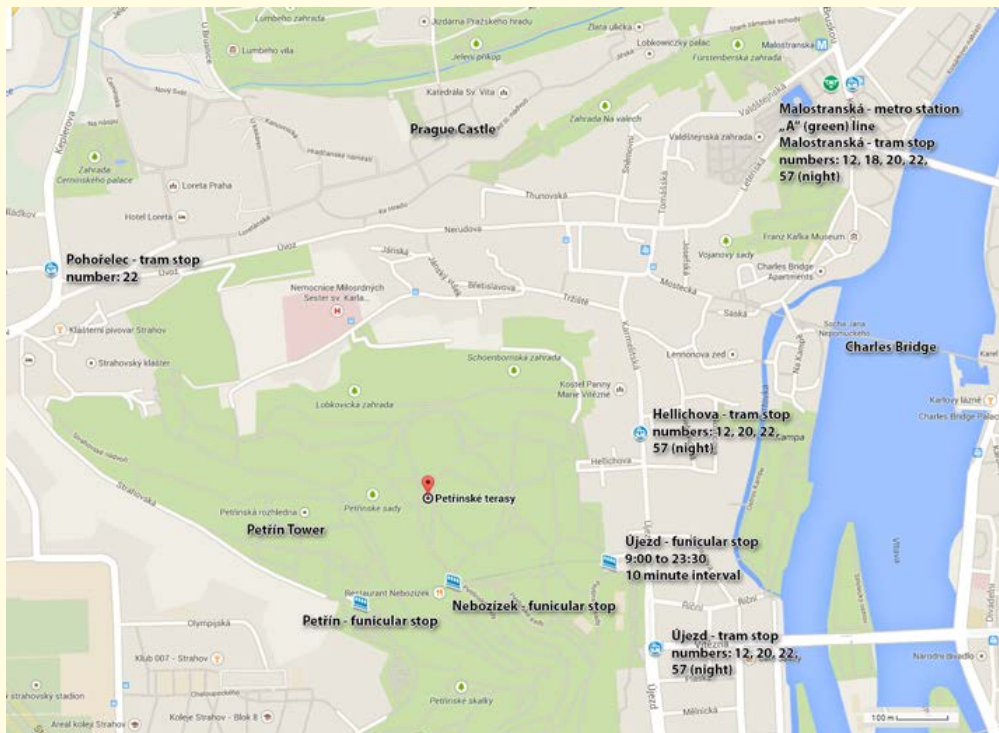
[Directions](#)



The Petřinské Terasy (Petřin terraces) restaurant is located in the middle of the slope of Petřin hill with unique view of the whole city. The best option to get there is by **Prague public transport**. web: www.dpp.cz/en/

- 📍 By Metro: The nearest metro station is **Malostranská "A"** (green) line. There you can change to the tram, numbers: 12, 20, 22.
- 📍 By tram: Please see the map for the possible tram numbers and stops near.

Petřin hill is quite steep, but with a large number of paths, allowing comfortable hike. There is also funicular, the lower station is near the Újezd tram stop. The middle station "Nebozízek" is close to the restaurant, and the last station is at the top of the hill. Funicular is part of the Prague public transport.



[Open Google maps](#)



Powered by Indico



ACAT 2014

- bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



CHARLES
UNIVERSITY
IN PRAGUE



CZECH
TECHNICAL
UNIVERSITY
IN PRAGUE

- Overview
- Scientific Programme
- Call for Abstracts
 - View my Abstracts
 - Submit Abstract
- Timetable
- Paper Reviewing
- Book of Abstracts
- Registration
 - Registration Form
- Participant List
- Organizers
- Important dates
- Local information
 - Venue
 - Hotels
 - Travel to Prague
 - Tours
 - Social programme
 - Tourist info
 - Visa
- Downloads
 - Bulletin 1 (PDF)
 - Bulletin 2 (PDF)
 - Poster (PDF)
 - Hi res Poster (PDF)
 - Invitation leaflet (PDF)
- Previous workshops
- Call for Sponsors
- Public lecture
- Veřejná přednáška (CZ)

Tourist info

Prague public transport

The main means of public transport is the underground railway - the metro, with complementary systems of bus, tram and railway transport. Prague's underground is quite a new one and very efficient. You can get more information at the <http://www.dpp.cz/en/transport-around-prague/> page.

Transit schematics (PDF) are available here: <http://www.dpp.cz/en/transport-around-prague/transit-schematics/>.

All participants will get free one-week public transport ticket at registration. Ticket is valid **1 - 5 September 2014** (Monday to Friday, 24 hours per day).

To find a public transport connection visit: <http://idos.dpp.cz/idos/ConnForm.aspx?tt=pid&cl=E5>

Weather

The season begins to change in September as average highs dip 10 degrees in Prague, Czech Republic, reaching 18°C (that's about 64°F) during the day. Prague evenings for September are still seasonably cool with night time temp averages of 10°C (about 50°F). Average wet days for September in Prague are one of the lowest of the calendar year. Though rainfall days are lower, precipitation downpours are still above normal. Umbrellas are recommended during sightseeing adventures. You can find current weather conditions at <http://www.weather.com/weather/today/EZXX0012>.

Currency

Currency of the Czech Republic is the Czech koruna (Czech crown), sign: Kč, code: CZK. Exchange of foreign currency is available at Prague international Airport and at most hotels, banks and exchange offices throughout the city. International credit cards are accepted for payments in hotels, restaurants and shops. Payment in cash in EUR is also available in some restaurants and shops.

Exchange rates to the main world currencies are approximately:

- 1 CHF ~ 22.5 CZK
- 1 EUR ~ 27.5 CZK
- 1 GBP ~ 33.4 CZK
- 1 USD ~ 19.9 CZK

For detailed current exchange rates, please see the following page: <http://www.csob.cz/en/Csob/Exchange-rates/Stranky/exchange-rates.aspx>

Time zone

Czech Republic is in the Central European Time Zone. Central European Standard Time (CET) is 1 hour ahead of Greenwich Mean Time (GMT+1).

Like most states in Europe, Summer (Daylight-Saving) Time is observed in Czech Republic, where the time is shifted forward by 1 hour; 2 hours ahead of Greenwich Mean Time (GMT+2). Daylight Saving Time ends on October 26 at 01:00 GMT.

Details: <http://www.timeanddate.com/worldclock/city.html?n=204>

Electrical outlets

Czech Republic uses a 230 volt 50 Hz system with standardized round plug with two round pins measuring 4.8 by 19 mm (0.189 by 0.748 in), spaced 19 mm (0.748 in) apart and with a hole for the socket's ground pin (CEE 7/5).

This standard will also accept Europlugs and CEE 7/17 plugs. Sockets are installed with the earth pin upwards. Although the plug is polarised, there is no universally observed standard for connecting the live and neutral. The former Czechoslovakia Standard ČSN 33 2180:1979, section 6.2.2. required live to be on the left side of socket.





ACAT 2014

– bridging disciplines

1-5 September 2014
Faculty of Civil Engineering
Europe/Prague timezone



INSTITUTE
OF PHYSICS
AS CR



NUCLEAR
PHYSICS
INSTITUTE
AS CR



CHARLES
UNIVERSITY
IN PRAGUE



CZECH
TECHNICAL
UNIVERSITY
IN PRAGUE

Overview

Scientific Programme

Call for Abstracts

View my Abstracts

Submit Abstract

Timetable

Paper Reviewing

Book of Abstracts

Registration

Registration Form

Participant List

Organizers

Important dates

Local information

Venue

Hotels

Travel to Prague

Tours

Social programme

Tourist info

Visa

Downloads

Bulletin 1 (PDF)

Bulletin 2 (PDF)

Poster (PDF)

Hi res Poster (PDF)

Invitation leaflet (PDF)

Previous workshops

Call for Sponsors

Public lecture

Veřejná přednáška (CZ)

Secretary

acat2014@particle.cz

Passport and visa requirements

Visitors from non-EU Countries must possess a passport valid for at least the next 3 months. Participants requiring a visa should apply immediately to a consular office or a diplomatic mission of the Czech Republic in their country in order to avoid a delayed arrival to the conference. If visa required, please find the address of the Czech embassy in your country on the website: www.mzv.cz. Please note that the visa application procedure can take approximately up to two months. It is not possible to obtain visa at the Prague Airport. The Conference Secretariat assists the delegates by processing the official invitations on request.

Contact the Czech embassy in your country and ask which of the following documents they require to issue a visa for you for the conference.

Official invitation by conference organizers or Official invitation by the Foreigners Department of the Czech Police. As soon as you know which of the above documents you need, send an e-mail to the Conference Secretariat with information needed to issue the invitation.

Official invitation by conference organizers – information needed:

- Ⓜ Your full name
- Ⓜ Date of birth
- Ⓜ Place of birth
- Ⓜ Country of citizenship (country which issued your passport)
- Ⓜ Number of your passport
- Ⓜ Date of expiry of your passport

Official invitation by the Foreigners Department of the Czech Police – information needed:

- Ⓜ Your full name
- Ⓜ Date of birth
- Ⓜ Place of birth
- Ⓜ Country of citizenship (country which issued your passport)
- Ⓜ Number of your passport
- Ⓜ Date of issue of your passport
- Ⓜ Date of expiry of your passport
- Ⓜ The official invitation by the Foreigners Department of the Czech Police cost 70 EUR.

As soon as the required data are received, the Conference Secretariat will start the procedure of issuing the official invitation for you. The procedure usually takes one month or more. Therefore please contact us as soon as possible. When the official invitation is ready, it will be sent to you by post or express delivery service. You shall then present it at the Czech embassy in your country and get visa for the conference.

In case you have any questions concerning visa procedures or if you face any problems in your country, please contact the Conference Secretariat

Please note that the Conference Secretariat can only help with getting visa to registered participants to take part in the ACAT 2014. Thank you for your understanding.

For more information about traveling to the Czech Republic, please visit web site www.czech.cz or www.mzv.cz.

PLATINUM



BROOKHAVEN
NATIONAL LABORATORY

GOLD

DataDirect
NETWORKS

SILVER

Bright Computing



Powered by Indico



ACAT 2014

16th International workshop on Advanced Computing and Analysis Techniques in physics research

bulletin 1 January 2014

16th International workshop on Advanced Computing and Analysis Techniques in physics research (ACAT)

INTRODUCTION

The ACAT workshop series, formerly known as AIHENP (Artificial Intelligence in High Energy and Nuclear Physics), was created back in 1990. Its main purpose is to gather three different communities: experimental and theoretical researchers as well as computer scientists to critically analyze past achievements and to propose new or advanced techniques to building better computing tools to boost scientific research, in particular in physics.

In the past, it has established bridges between physics and computer science research, facilitating advances in our understanding of the Universe at its smallest and largest scales. With the Large Hadron Collider, FAIR, eRHIC, EIC, the future International Linear Collider and the many astronomy and astrophysics experiments collecting larger and larger amounts of data, deep communication and cooperation are needed now more than ever.

The 16th edition of ACAT will explore the boundaries of computing system architectures, data analysis algorithmics, automatic calculations as well as theoretical calculation technologies. It will create a forum for confronting and exchanging ideas among these fields and will explore and promote new approaches in computing technologies for scientific research.

Although mainly focusing on high-energy physics, talks related to nuclear physics, astrophysics, laser and condensed matter physics, earth physics, biophysics, and others, are most welcome.

ACAT'14 is co-organized by

- Charles University in Prague, Faculty of Mathematics and Physics
- Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering
- Institute of Physics, Academy of Sciences of the Czech Republic
- Nuclear Physics Institute, Academy of Sciences of the Czech Republic

Further bulletins will provide information about the conference program along with preliminary registration and hotel accommodation information.



ACAT 2014

16th International workshop on Advanced Computing and Analysis Techniques in physics research

DATES AND VENUE

Conference dates

Monday 1 September to Friday 5 September 2014

Conference web site

www.particle.cz/acat2014

Online registration will start in

1 April 2014

VENUE

The conference will take place at the Faculty of Civil Engineering, Czech Technical University in Prague (Thakurova 7/2077, Prague – Dejvice), Czech Republic. Faculty of Civil engineering is a modern building with big and medium conference rooms.

PROCEEDINGS

The proceedings of the conference will be published by IOP with open access.

HISTORY

The ACAT workshop series, formerly AIHENP (Artificial Intelligence in High Energy and Nuclear Physics), was created back in 1990. ACAT conferences are held at roughly 18 month intervals, alternating between Europe, Asia, North America and other parts of the world. Recent ACAT conferences have held in Beijing, China (2013); Uxbridge, UK (2011); Jaipur, India (2010); Erice, Sicily (2008); NIKHEF, Nederland (2007); DESY, Germany (2005); KEK, Japan (2003); Moscow, Russia (2002); Fermilab, USA (2000); Heraklion, Crete (1999); Lausanne (EPFL-UNIL) (1996); Pisa, Italy (1995); Oberammergau, Germany (1993); La Londe Les Maures, France (1992); Lyon, France (1990).

ORGANIZATION

The International Advisory and Coordination Committee (IACC) sets the overall workshop themes. The Local Organizing Committee (LOC) is responsible for the conference infrastructure and the Scientific Program Committee (SPC) is in charge of the scientific content.

Details of these can be found at conference the web site (<http://www.particle.cz/acat2014>)

TRAVEL AND ACCOMMODATION

Prague is well connected to all major cities in the world. The International and domestic airport of Prague – Vaclav Havel Airport Prague - is located 7 Km from the conference venue. To get from the airport to the conference venue (or to the hotel) you can take a taxi, the airport express bus or use the well-organized public transportation system.

Details on accommodation will be given in the next bulletin. Arrangements are being made with hotels close to the conference venue and in the Prague centre. We are negotiating special rates for the conference delegates. Participants can often find even better offers via web hotel portals.



ACAT 2014

16th International workshop on Advanced Computing and Analysis Techniques in physics research

CONFERENCE PROGRAMME

ACAT'14 will have plenary and parallel sessions during the week-long conference. The parallel sessions will be based on contributions submitted by the participants and will cover the following areas:

- **Computing Technology for Physics Research**
- **Data Analysis - Algorithms and Tools**
- **Computations in Theoretical Physics: Techniques and Methods**

Although mainly focusing on high-energy physics, talks related to nuclear physics, astrophysics, laser and condensed matter physics, earth physics, biophysics, and others, are most welcome.

SOCIAL PROGRAMME

A welcome reception will take place at the Faculty of Civil Engineering on Monday 1 September 2014. On Thursday 4 September 2014 we will have a conference dinner. Entry to both will be included in the conference registration fee. Extra dinner tickets will be available for purchase for accompanying persons.

On the Wednesday afternoon, delegates will be offered a selection of tours including a guided tour through Prague. Full details will appear in the next Bulletin.

TIMETABLE

Second Bulletin	March 2014 (Call for Contribution, Conference Registration, Hotel Reservations)
Abstracts submission deadline	30 May 2014
Contribution acceptance announced	25 June 2014
Early registration by	1 July 2014
Off-site registration by	15 August 2014
On-site registration	1-5 September 2014
Paper submission by	30 September 2014

FURTHER INFORMATION

Conference Secretariat:

Nina Tumova
Institute of Physics, AS CR v.v.i.
Na Slovance 2, 182 21 Praha 8, Czech Republic
tel.: +420 266 052 672, fax: +420 865 854 443
email: acat2014@particle.cz



ACAT 2014

16th International workshop on Advanced Computing and Analysis Techniques in physics research

bulletin 2 | April 2014

16th International workshop on Advanced Computing and Analysis Techniques in physics research (ACAT)

INTRODUCTION

This bulletin includes the Registration information and the Call for Abstracts. The ACAT2014 conference dates are 1 – 5 September 2014 (Monday – Friday).

The conference will take place in the Faculty of Civil Engineering, Czech Technical University in Prague which is ideally located near the city centre. It is easily accessible by both public and private transport.

Address of the Conference Venue:

Faculty of Civil Engineering, Czech Technical University in Prague, Thakurova 7/2077, Prague – Dejvice, Czech Republic.

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

REGISTRATION

The conference online registration will be opened from **28 April 2014**. You will find the Registration Form at the conference website at <https://indico.cern.ch/event/258092/registration>

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

- Venue (<https://indico.cern.ch/event/258092/page/8>)
- Hotels (<https://indico.cern.ch/event/258092/page/7>)
- Travel to Prague (<https://indico.cern.ch/event/258092/page/9>)
- Tours (<https://indico.cern.ch/event/258092/page/11>)
- Tourist info (<https://indico.cern.ch/event/258092/page/10>)
- Visa (<https://indico.cern.ch/event/258092/page/12>)

REGISTRATION FEES

ACAT2014 Conference Fee

Early registration fee (before 1 July 2014)	10 000 CZK
Late registration fee (between 1 July 2014 – 15 August 2014)	11 500 CZK
On-site registration fee (to be paid on-site) (from 1 September 2014)	13 000 CZK

The conference registration fee includes full conference participation, proceedings, welcome reception on Monday, 1 September 2014, coffee breaks, four lunches, cultural event and conference banquet on Thursday, 4 September 2014. *[Approximate exchange rate is 1 USD = 20 CZK, 1 EUR = 27,5 CZK]*

Accompanying Person Fee

Conference fee for Accompanying Person is 5 000 CZK and includes Welcome Reception on Monday, 1 September 2014, cultural event and Conference Banquet on Thursday, 4 September 2014.

Cancellation conditions

Cancellation before end for early registration deadline – full refund minus administration fee.
Cancellation between 1 July and 15 August – 50% refund. No refund for cancellation after 15 August.

ON-SITE REGISTRATION TIMES

The registration desk will be located at the conference venue and will open on Monday, 1 September 2014 from 7:30. The opening hours will be available at the conference website closer to the start of the 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 30 May 2014. Decisions on the acceptance of contributions for oral or poster presentation will be made before 25 June 2014 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:

Computing Technology for Physics Research

- Languages, Software quality, IDE and User Interfaces
Languages (new C++ standard, Java, ...) | Software quality assurance; code reflection; documentation, performance and debugging tools | IDE and frameworks | User Interfaces, Common Libraries
- Distributed and Parallel Computing
Multilevel parallelism | Distributed computing | GRID and Cloud computing
- New architectures, many and multi-cores
Many-core | Accelerator-based computing (GPU, etc.) | High precision computing (hardware)
- Virtualization
- Online computing
Advanced Monitoring, Diagnostics and Control | Scalable distributed data collectors | High Level Triggering (HLT) | Stream event processing & High Throughput Computing (HTC)

Data Analysis - Algorithms and Tools

- Machine Learning
Neural Networks and Other Pattern Recognition Techniques | Evolutionary and Genetic Algorithms | Automation of Science: Data to formula
- Advanced Data Analysis Environments
Statistical Methods, Multivariate analysis | Data mining
- Simulation, Reconstruction and Visualization Techniques
Detector and Accelerator Simulations, MC and fast MC | Reconstruction Algorithms | Visualization Techniques; event displays
- Advanced Computing
Quantum Computing | Bio Computing: life process simulation, brain simulation, Quantum biology

Computations in Theoretical Physics: Techniques and Methods

- Automatic Systems
Automatic Computation Systems: from Processes to Event Generators | Multi-dimensional Integration and | Event Generators | Intensive High Precision Numerical Computations: Algorithms and Systems
- Higher orders
One-loop event generators | Multi-loop Calculations and Higher Order Corrections
- Computer Algebra Techniques and Applications

- Computational physics, Theoretical and simulation aspects
Lattice QCD | Cosmology, Universe Large Scale Structure, Gravitational waves | Nuclear physics N-body computation | Plasma physics | Earth Physics, climate, earthquakes

STUDENT SUPPORT

The organizers offer partial support for a limited number of students. Requests for support should be sent to acat2014@particle.cz with specification of expenses which should be partially covered (e.g. travel ticket, accommodation, conference fee, ...). A proof of student status should be included in the request.

Students are requested to register in usual manner until early registration deadline via the conference web page without payment at this point before sending the above mentioned request. The applicants will be informed by 15 July 2014 on availability of the support.

CULTURAL EVENT

Cultural event will be held on Tuesday 2 September in the evening. Detailed information will be posted on the web page.

TOURS' OFFER FOR WEDNESDAY, 3 SEPTEMBER 2014

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.

Sightseeing tour of Prague - 280 CZK

Wednesday, September 3, 14:00 - 17:00

Meeting point: 14:00 - Conference venue

You will see: Old Town Square, Municipal House, Wenceslas Square, Astronomical Clock, Charles Bridge, Nerudova Street, Prague Castle. Sightseeing tour includes approx. 3 hours walking.

Old Town Square

The most significant square of historical Prague. It originated in the 12th century. The square has several dominant features, the baroque St. Nicholas Church (K. I. Dienzenhofer, 1732 – 1737), the rococo Kinský Palace housing the National Gallery exhibition hall, the Stone Bell House — a gothic city palace from the 14th century — now the Municipal Gallery concert and exhibition halls, and the Memorial to Master Jan Hus sculptured by Ladislav Saloun (1915). The very place where the 27 Czech noblemen were executed on 21 June, 1621, is marked in the square pavement.

Charles Bridge



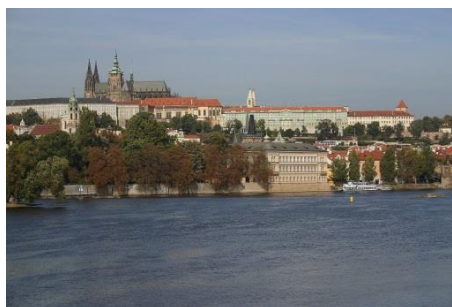
The oldest Prague bridge built in the place of the Judita's Bridge that had been badly damaged by a flood in 1342. The Stone or Prague Bridge in 1870 renamed Charles Bridge, was founded by Charles IV in the year 1357. According to the latest research the construction was started by Master Otto and finished by Peter Parler in 1402. Both ends of the bridge are fortified by towers (Lesser Town Bridge Tower, Old Town Bridge Tower). From 1683 to 1928 thirty sculptures and sculptural groups of the saints were gradually set on

the bridge piers (M. Braun, F. M. Brokof, etc.). The bridge is 515 meters long and 10 meters wide.



Prague Castle

National cultural monument, the symbol of development of the Czech state. Since its foundation in the last quarter of the 9th century it has been developing uninterruptedly throughout the past eleven centuries. It is a monumental complex of ecclesiastical, fortification, residential and office buildings representing all architectural styles and periods, surrounded by three castle courtyards and covering 45 hectares. Originally it used to be the residence of the princes and kings of Bohemia. Since 1918 it has been the seat of the President.



Trip to Karštejn Castle - 1100 CZK

Wednesday, September 3, 14:00 - 18:30

Meeting point: 14:15 - Conference venue

minimum 15 persons, maximum 48 persons

The price includes entrance to the castle and a picnic snack.

A visit to a majestic gothic castle founded 650 years ago by Charles IV, King of Bohemia and of the Roman Empire. The castle was built in the 14th century as a place for safekeeping of royal treasures, especially the coronation jewels. Located in a picturesque site on the Dragon's rock in the middle of dense forests just about a hour's drive from Prague, for many visitors this is one of the most popular destinations. A trip includes 30 minutes walking.



Trip to Kutná Hora - 950 CZK

Wednesday, September 3, 14:00 - 18:30

Meeting point: 13:45 - Conference venue

minimum 15 persons, maximum 48 persons

The price includes entrance to the gothic cathedral of St. Barbara, the Sedlec Ossuary and a picnic snack.

The picturesque medieval town of Kutná Hora, part of the UNESCO World Cultural and Natural Heritage, is situated approximately 60 km east of Prague.

The sources of the beauties and riches of Kutná Hora are in the silver mines that were exploited most intensively in the 14th and 15th century. At that time the town rivalled Prague in importance. During this excursion you will see interesting and impressive sights as the unique gothic cathedral of St. Barbara, the patron saint of miners, Italian Court which is an important building, originally a Royal Mint that once produced Prague Groschen as well. Then you will see the gothic fountain, and the Archdeacon's Church of St. James.



Pilsner Urquell brewery excursion - 1150 CZK

Wednesday, September 3, 14:00 - 18:30

Meeting point: 13:45 - Conference venue

minimum 15 persons, maximum 48 persons

The price includes excursion and a picnic snack.

You will learn about the history and secrets behind making the legendary Pilsner Urquell lager. You can see the actual spot in the brewery where Pilsner Urquell beer has been brewed since 1842. We shall guide you through our modern bottling plant, with its capacity of 120,000 bottles per hour; a unique exposition on the ingredients we use; and the historic and modern Pilsner Urquell brewhouse. The tour of the Pilsner Urquell brewery would not be complete without a visit to the historic brewery cellars, where you can taste unfiltered and unpasteurized Pilsner Urquell on tap straight from oak lager barrels.

CONFERENCE DINNER

All participants registered to the ACAT 2014 and their registered Accompanying Persons are warmly invited to the conference dinner that will take place at the Petřínské terasy Restaurant (www.petrinsketerasy.cz) on Thursday 4 September from 19:00. Restaurant is located in one of the most beautiful places of the ancient city of Prague. Restaurant sits in the middle of the east slope of Petřín hill with a unique view of the whole city.



IMPORTANT DATES AND DEADLINES

Abstracts submission deadline	30 May 2014
Contribution acceptance announced	25 June 2014
Early registration by	1 July 2014
Off-site registration by	15 August 2014
On-site registration	1-5 September 2014
Paper submission by	30 September 2014

DRAFT PROGRAMME

	Monday	Tuesday	Wednesday	Thursday	Friday
9:00	opening ceremony plenary session	plenary session	plenary session	plenary session	summary talks
10:30	coffee exhibits and poster	coffee exhibits and poster	coffee exhibits and poster	coffee exhibits and poster	coffee
11:00	plenary session	plenary session	plenary session	plenary session	summary talks
12:30	lunch	lunch	lunch	lunch	
14:00	parallel sessions	parallel sessions	tours	parallel sessions	
15:40	coffee	coffee		coffee	
16:10	parallel sessions	parallel sessions		parallel sessions	
17:50	welcome reception				
19:00		cultural event		conference dinner	

FURTHER INFORMATION

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

- Charles University in Prague, Faculty of Mathematics and Physics
- Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering
- Institute of Physics, Academy of Sciences of the Czech Republic
- Nuclear Physics Institute, Academy of Sciences of the Czech Republic

Conference Secretariat:

Nina Tumova

Institute of Physics, AS CR v.v.i.
Na Slovance 2, 182 21 Praha 8, Czech Republic
tel.: +420 266 052 672, fax: +420 865 854 443
email: acat2014@particle.cz