

Session Program

1-5 Sept 2014



ACAT 2014

Plenary

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

Monday 1 September

11:10

Plenary: Monday

Session |

Location: Faculty of Civil Engineering, B280, Faculty of Civil Engineering, Czech Technical University in Prague
Thakurova 7/2077 Prague 166 29 Czech Republic |

Convener: Denis Perret-Gallix

11:10-11:15

Logistics

Speaker

Tomas Davidek

11:15-11:50

Statistical tools for the Higgs discovery - the status and future of collaborative statistical model building

Speaker

Wouter Verkerke

11:50-12:25

THE POTENTIAL OF GENOMIC MEDICINE—THE MANY ASPECTS OF COMPUTING ARE DEMANDING AND THE COMPLEXITY MUST BE MANAGED.

Speaker

Janis Landry-Lane

12:25

Tuesday 2 September

09:00

Plenary: Tuesday

Session |

Location: Faculty of Civil Engineering, B280, Faculty of Civil Engineering, Czech Technical University in Prague Thakurova 7/2077 Prague 166 29 Czech Republic |

Convener: Denis Perret-Gallix

09:00–09:35

A Survey on Distributed File System Technology

Speaker

Jakob Blomer

09:35–10:10

Event simulation for colliders - A basic overview

Speaker

Christian Reuschle

10:10

10:40

Plenary: Tuesday

Session |

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

Convener: Dr Jerome LAURET

10:40–11:15

Direct water cooling vs free air cooling

Speaker

Volodymyr Saviak

11:15–11:50

Next Generation Workload Management System for Big Data on Heterogeneous Distributed Computing

Speaker

Dr Alexei Klimentov

11:50–12:25

Memory Models in HPC: Successes and Problems

Speaker

Dr Antun Balaz

12:28

12:25–12:28

Concert logistics

Wednesday 3 September

09:00

Plenary: Wednesday

Session |

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

Convener: Fons Rademakers

09:00–09:35

Dark matter review: recent astronomical and particle physics results

Speaker

Michael Prouza

09:35

10:40

Plenary: Wednesday

Session |

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

Convener: Grigory Rubtsov

10:40–11:15

Fast detector simulation and the GeantV project

Speaker

Andrei Gheata

11:15–11:50

Modern messaging solutions for distributed applications

Speaker

Luca Magnoni

11:50–12:25

Extracting Rigorous Conclusions from Model/Data Comparisons

Speaker

Scott Pratt

12:25

Thursday 4 September

09:00

Plenary: Thursday

Session |

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

Convener: Thomas Hahn

09:00–09:35

Future trends and challenges in scientific computing

Speaker

Branislav Jansik

09:35–10:10

NLO calculations for high multiplicity processes

Speaker

Daniel Maitre

10:10

10:40

Plenary: Thursday

Session |

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

Convener: Axel Naumann

10:40–11:15

High performance computing based on mobile processors

Speaker

Dr Filippo Mantovani

11:15–11:50

The interrelation between stability of Vacuum (absence of new physics up to Plank scale) and value of running mass of top-quark: problems and perspectives.

Speaker

Mikhail Kalmykov

11:50–12:25

Multivariate Data Analysis in HEP. Successes, challenges and future outlook.

Speaker

Helge Voss

12:30

12:25–12:30

Dinner logistics