

ACAT 2010

Monday 22 February 2010 - Saturday 27 February 2010

Jaipur, India

Scientific Programme

Computing Technology for Physics Research

Conveners:

Axel Naumann (Axel.Naumann@cern.ch)

Jerome Lauret (jlauret@bnl.gov)

Talks by:

1. Fabrizio Furano
Data access in HEP

2. Deepak Singh
Amazon

3. Kate Keahey
Cloud computing

4. Roman Bartak
Data Transfer Optimization - Going Beyond Heuristics

5. Vijay Saraswat
X10 programming language

Data Analysis - Algorithms and Tools

Conveners:

Liliana Teodorescu (Liliana.Teodorescu@brunel.ac.uk)

Thomas Speer (Thomas.Speer@cern.ch)

Talks by:

1. Xin Yao
Evolutionary Computation

2. Rudolf Fruhwirth
Adaptive track and vertex reconstruction

3. Alfredo Ferrari
Monte Carlo

4. Piergiorgio Cerello
MVA on Grid for Medical Analysis

5. Eilam Gross
Statistics Challenges in HEP

Methodology of Computations in Theoretical Physics

Conveners:

Peter Uwer (Peter.Uwer@cern.ch)

Fawzi Boudjema (boudjema@lapp.in2p3.fr)

Talks by:

1. Karl Jansens
Recent Lattice activities

2. Daniel Maitre
NLM (Les Houches designation for NLO multi-leg)

3. Alexander Pukhov
Codes and automation for dark matter related issues

4. Fukoko Yuasa
Computing issues in HEP