

Session Program

21-25 May 2012



Computing in High Energy and Nuclear Physics (CHEP) 2012

Plenary

New York City, NY, USA

Monday 21 May

08:30

Plenary

Session | **Location:** Skirball Center | **Convener:** Michael Ernst

08:30-08:35 **Welcome to CHEP 2012**

Speaker
Michael Ernst

08:35-08:45 **Welcome to NYU**

Speaker
Dr Paul Horn

08:45-09:30

Keynote Address: High Energy Physics and Computing - Perspectives from DOE

Speaker
Mr Glen Crawford

09:30-10:00 **LHC experience so far, prospects for the future**

Speaker
Prof. Joe Incandela

10:00

10:30

Plenary

Session | **Location:** Skirball Center | **Convener:** Dr David Malon

10:30-11:00 **HEP Computing**

Speaker
Dr Rene Brun

11:00-11:30 **Upgrade of the LHC Experiment Online Systems**

Speaker
Wesley Smith

11:30-12:00

Perspective Across The Technology Landscape: Existing Standards Driving Emerging Innovations

Speaker
Mr Forrest Norrod

12:00

Tuesday 22 May

08:30

Plenary

Session | Location: Skirball Center | Convener: Dr Lothar Bauerdick

08:30-09:00 **A review of analysis in different experiments**

Speaker
Markus Klute

09:00-09:30 **New computing models and LHCONE**

Speaker
Ian Fisk

09:30-10:00 **Current operations and future role of the Grid**

Speaker
Dr Oxana Smirnova

10:00

10:30

Plenary

Session | Location: Skirball Center | Convener: Dr John Gordon

10:30-11:00 **Middleware Evolution**

Speaker
Sebastien Goasguen

11:00-11:30 **New SW trends and technologies in the Internet industry**

Speaker
Mr Jeff Hammerbacher

11:30-12:00 **Computing Technology Future**

Speaker
Lennart Johnsson

12:00

Wednesday 23 May

08:30

Plenary

Session | **Location:** Skirball Center | **Convener:** Dr Pere Mato Vila

08:30–09:00

ROOT

Speaker

Fons Rademakers

09:00–09:30

GEANT4 Roadmap

Speaker

Makoto Asai

09:30–10:00

Data Preservation and Long Term Analysis in High Energy Physics

Speaker

Dr David South

10:00

10:30

Plenary

Session | **Location:** Skirball Center | **Convener:** Guenter Duckeck

10:30–11:00

Analysis with Extremely Large Datasets

Speaker

Mr Jacek Becla

11:00–11:30

Large Storage Systems: Present and Future

Speaker

Mr Andreas Joachim Peters

11:30–12:00

VC in HEP: Status and Perspective

Speaker

Philippe Galvez

12:00

Thursday 24 May

08:30

Plenary

Session | **Location:** Skirball Center | **Convener:** Dr Mohammad Al-Turany

08:30–09:00 **Computing the Universe**

Speaker

Adrian Pope

09:00–09:30 **Future Experiments and Impact on Computing**

Speaker

Johan Messchendorp

09:30–10:00 **A reflection on Software Engineering in HEP**

Speaker

Mr Federico Carminati

10:00

10:30

Plenary

Session | **Location:** Skirball Center | **Convener:** Richard Dubois

10:30–11:00 **Networking: 100G Across Oceans: Where and When?**

Speaker

Artur Jerzy Barczyk

11:00–11:30 **Lightning Talks (Session 1)**

11:30–12:00 **Track Summary: Collaborative Tools**

Speaker

Tony Johnson

12:00

Friday 25 May

08:30

Plenary

Session | **Location:** Skirball Center | **Convener:** Reda Tafirout

08:30–09:00 **Track Summary: Online Computing**

Speaker

Remi Mommsen

09:00–09:30 **Track Summary: Distributed Processing & Analysis**

Speaker

Johannes Elmsheuser

09:30–10:00 **Track Summary: Event Processing**

Speaker

Dr Adam Lyon

10:00

10:30

Plenary

Session | **Location:** Skirball Center | **Convener:** Michael Ernst

10:30–11:00 **Track Summary: Fabrics & Networking**

Speaker

Andreas Heiss

11:00–11:30 **Track Summary: Software Engineering**

Speaker

David Lange

11:30–12:00 **Lightning Talks (Session 2)**

12:00–12:30 **Introduction of CHEP2013 in Amsterdam**

Speaker

David Groep

12:30