

## **Session Program**

**27 September 2004 to 1 October 2004**



# **CHEP04**

## ***Plenary***

Interlaken, Switzerland

# Monday 27 September

09:00

## Plenary: Session 1

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Guy Wormser

09:00–09:30

### Welcome Address

#### Speaker

Wolfgang von Rueden

09:30–10:00

### 50 years of Computing at CERN

#### Speaker

David Williams

10:00–10:30

### Run II computing

#### Speaker

A. Boehnlein

10:30

11:00

## Plenary: Session 2

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Richard Mount

11:00–11:30

### Computing for Belle

#### Speaker

N. KATAYAMA

11:30–12:00

### BaBar computing - From collisions to physics results

#### Speaker

P. ELMER

12:00–12:30

### Concepts and technologies used in contemporary DAQ systems

#### Speaker

M. Purschke

12:30

## Tuesday 28 September

08:30

### Plenary: Session 3

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Mirco Mazzucato

08:30-09:00

#### The LCG Project - Preparing for Startup

**Speaker**

Les Robertson

09:00-09:30

#### Operating the LCG and EGEE Production Grids for HEP

**Speaker**

I. Bird

09:30-10:00

#### Grid3: An Application Grid Laboratory for Science

10:00

11:00

### Plenary: Session 4

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** David Williams

11:00-11:30

#### The BIRN Project: Distributed Information Infrastructure and Multi-scale Imaging of the Nervous System (BIRN = Biomedical Informatics Research Network)

**Speaker**

M. Ellisman

11:30-12:00

#### Grid Security

**Speaker**

David Kelsey

12:00-12:30

#### The impact of e-science

**Speaker**

Ken Peach

12:30-12:45

#### EU Grid Research - Projects and Vision

**Speaker**

Max Lemke

12:45

## Wednesday 29 September

08:30

### Plenary: Session 5

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Yoshiyuki Watase

08:30–09:00

#### The role of scientific middleware in the future of HEP computing

##### Speaker

Miron Livny

09:00–09:30

#### The Evolution of Computing: Slowing down? Not Yet!

##### Speaker

Andrew Sutherland

09:30–10:00

#### Grand Challenges facing Storage Systems

##### Speaker

Jai Menon

10:00

11:00

### Plenary: Session 6

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Neil Geddes

11:00–11:30

#### Evolution and Revolution in the Design of Computers Based on Nanoelectronics

##### Speaker

Stan Williams

11:30–12:00

#### Enterasys - Networks that Know

##### Speaker

J. ROESE

12:00–12:30

#### The IBM Research Global Technology Outlook

##### Speaker

Dave McQueeney

12:30

# Thursday 30 September

08:30

## Plenary: Session 7

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Jean-Jacques Blaising

08:30–09:00

### Improving Standard C++ for the Physics Community

#### Speaker

M. Paterno

09:00–09:30

### Physics Validation of the LHC Software

#### Speaker

Fabiola Gianotti

09:30–10:00

### Computing Models and Data Challenges of the LHC experiments

#### Speaker

David Stickland

10:00

11:00

## Plenary: Session 8

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Harvey Newman

11:00–11:30

### Griding The Nordic Supercomputing Infrastructure

#### Speaker

Bo Anders Ynnerman

11:30–12:00

### The Evolving Wide Area Network Infrastructure in the LHC era

#### Speaker

Peter Clarke

12:00–12:30

### Network Architecture: lessons from the past, vision for the future

#### Speaker

F. Fluckiger

12:30

# Friday 1 October

08:30

## Plenary: Session 9

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Manuel Delfino

### 08:30-08:55 Summary - Online Computing

#### Speaker

Dr Pierre Vande Vyvre

### 08:55-09:20 Summary - Event Processing

#### Speaker

Stephen Gowdy

### 09:20-09:45 Summary - Core Software

#### Speaker

Philippe Canal

### 09:45-10:10 Summary - Distributed Computing Services

#### Speaker

Massimo LAMANNA

10:10

10:40

## Plenary: Session 10

**Session** | **Location:** Interlaken, Switzerland, Kongress-Saal | **Convener:** Viatcheslav Il'in

### 10:40-11:05 Summary - Distributed Computing Systems and Experiences

#### Speaker

Douglas OLSON

### 11:05-11:30 Summary - Computer Fabrics

#### Speaker

Tim Smith

### 11:30-11:55 Summary - Wide Area Networking

#### Speaker

Peter CLARKE

### 11:55-12:25 Conference Conclusions

#### Speaker

L. BAUERDICK

### 12:25-12:55 Conference Closeout

#### Speaker

Wolfgang von Rueden

13:00