

# **Workshop on Concurrency in the many-Cores Era**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Coffee Break

Contribution ID: 1

Type: **not specified**

## Coffee Brak

Contribution ID: 2

Type: **not specified**

## Coffe Break

Contribution ID: 3

Type: **not specified**

## Coffee Break

Contribution ID: 4

Type: **not specified**

## Welcome

*Monday, 21 November 2011 09:00 (5 minutes)*

**Presenter:** Mr CANAL, Philippe (FERMILAB)

**Session Classification:** Requirements and needs from existing and upcoming experiments.

Contribution ID: 5

Type: **not specified**

## **Intensity Frontier Experiment**

*Monday, 21 November 2011 09:05 (30 minutes)*

**Presenter:** Dr REBEL, Brian (Fermilab)

**Session Classification:** Requirements and needs from existing and upcoming experiments.

Contribution ID: 6

Type: **not specified**

## **Nova , g-2**

*Monday, 21 November 2011 09:35 (30 minutes)*

**Presenter:** Dr NORMAN, Andrew (Fermilab)

**Session Classification:** Requirements and needs from existing and upcoming experiments.

Contribution ID: 7

Type: **not specified**

## **athenaMP**

*Monday, 21 November 2011 14:30 (30 minutes)*

**Presenter:** TSULAIA, Vakho

**Session Classification:** Requirements and needs from existing and upcoming experiments.

Contribution ID: 8

Type: **not specified**

## GaudiMT

*Monday, 21 November 2011 10:05 (30 minutes)*

**Presenter:** LEGGETT, Charles

**Session Classification:** Requirements and needs from existing and upcoming experiments.

Contribution ID: 9

Type: **not specified**

## **CMS**

*Monday, 21 November 2011 14:00 (30 minutes)*

**Presenter:** SEXTON-KENNEDY, Elizabeth (FNAL)

**Session Classification:** Requirements and needs from existing and upcoming experiments.

Contribution ID: **10**

Type: **not specified**

**<to be defined>**

**Presenter:** INNOCENTE, Vincenzo

Contribution ID: 11

Type: **not specified**

## **Parallel accelerator simulations: past, present and future**

*Monday, 21 November 2011 11:00 (30 minutes)*

**Presenter:** Dr AMUNDSON, James (Fermilab)

**Session Classification:** Hardware technology and trends and how it is planned to be done in other domains

Contribution ID: 12

Type: **not specified**

## **HPC news from SuperComputing**

*Monday, 21 November 2011 11:30 (30 minutes)*

**Presenter:** SINGH, Amitoj

**Session Classification:** Hardware technology and trends and how it is planned to be done in other domains

Contribution ID: 13

Type: **not specified**

## **Update from Intel Corp.**

*Monday, 21 November 2011 12:00 (30 minutes)*

**Presenter:** NEWBURN, Chris (Intel Corp.)

**Session Classification:** Hardware technology and trends and how it is planned to be done in other domains

Contribution ID: 14

Type: **not specified**

## **I/O worker processes using shmem**

*Monday, 21 November 2011 16:00 (30 minutes)*

**Presenter:** Dr VAN GEMMEREN, Peter (ANL)

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: 15

Type: **not specified**

## **GO, tasks and dataflow data from athena**

*Tuesday, 22 November 2011 10:00 (30 minutes)*

**Presenter:** Dr BINET, Sebastien (IN2P3/LAL)

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: 16

Type: **not specified**

## Future of Art

*Tuesday, 22 November 2011 11:30 (30 minutes)*

**Presenter:** Dr PATERNO, Marc Paterno (Fermilab)

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: 17

Type: **not specified**

## **Simulation and many cores.**

*Monday, 21 November 2011 15:00 (30 minutes)*

**Presenter:** Mr CANAL, Philippe (FERMILAB)

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: **18**

Type: **not specified**

## **Evaluation of a virtualization based solution**

*Tuesday, 22 November 2011 09:00 (30 minutes)*

**Presenter:** BUNCIC, Predrag (CERN)

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: 19

Type: **not specified**

## **re-engineering frameworks for concurrency**

*Tuesday, 22 November 2011 12:00 (30 minutes)*

**Presenters:** Dr HEGNER, Benedikt (CERN); Dr MATO, Pere (CERN)

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: 20

Type: **not specified**

## Using libdispatch While Reading a ROOT File

*Tuesday, 22 November 2011 11:00 (30 minutes)*

**Presenter:** Dr JONES, Christopher (Fermilab)

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: 21

Type: **not specified**

## Sharing C++ Objects in Linux

*Monday, 21 November 2011 16:30 (30 minutes)*

**Presenter:** VITILLO, Roberto

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: 22

Type: **not specified**

## **Event data processing frameworks for the future**

*Tuesday, 22 November 2011 09:30 (30 minutes)*

**Presenter:** FRANK, Markus (CERN)

**Session Classification:** Evaluation of technologies, designs ideas and prototypes

Contribution ID: 23

Type: **not specified**

## **Discussion on the Future Hardware**

*Tuesday, 22 November 2011 15:00 (20 minutes)*

**Presenter:** Dr LAZZARO, Alfio (CERN openlab)

**Session Classification:** Discussion on future development