Second International Workshop for Future Challenges in Tracking and Trigger Concepts

Report of Contributions

Contribution ID: **0**   Type: **not specified**

Progress since last workshop in June 2010

Thursday 7 July 2011 09:00 (1 hour)

Presenter: Dr KISEL, Ivan (GSI, Gesellschaft fuer Schwerionenforschung mbH)

Session Classification: Intro/Recap from workshop in 2010/Frameworks

Contribution ID: **1**　　　　　　　　　　　　　　　　　　　Type: **not specified**

Algorithmic Challenges in the LHC Data Analysis

Thursday 7 July 2011 11:00 (1 hour)

Primary author: Dr LAZZARO, Alfio (CERN openlab)

Presenter: Dr LAZZARO, Alfio (CERN openlab)

Session Classification: Intro/Recap from workshop in 2010/Frameworks

Contribution ID: **2** Type: **not specified**

ALICE presentation (siddhant.ajit.mohanty@cern.ch)

Thursday 7 July 2011 12:00 (30 minutes)

Session Classification: Intro/Recap from workshop in 2010/Frameworks

Contribution ID: **3**   Type: **not specified**

KFParticle and a vertexing toolkit

Thursday 7 July 2011 15:00 (1 hour)

Presenter: ZYZAK, Maksim (GSI - Gesellschaft fuer Schwerionenforschung mbH)

Session Classification: Algorithms

Contribution ID: 4
Type: **not specified**

New approaches in Trackfinding/Trackfitting: Cellular Automaton, etc.

Thursday 7 July 2011 14:00 (1 hour)

Primary author: KULAKOV, Igor

Presenter: KULAKOV, Igor

Session Classification: Algorithms

Contribution ID: **5** Type: **not specified**

Algorithmic challenges in LHC data analysis

Presenter: Dr LAZZARO, Alfio (CERN)

Contribution ID: **6** Type: **not specified**

ArBB: Software for scalable programming

Friday 8 July 2011 09:00 (30 minutes)

Presenter: PABST, Hans (Intel)

Session Classification: Parallel hardware, programming, etc.

Contribution ID: **7**   Type: **not specified**

OpenCL: Portable programming, at the right of the wrong level ?

Friday 8 July 2011 09:30 (30 minutes)

Presenter: LINDAL, Yngve Sneen (Norges Teknisk-Naturvitens. Univ. (NTNU))

Session Classification: Parallel hardware, programming, etc.

Contribution ID: **8** Type: **not specified**

Intel's new MIC accelerator

Friday 8 July 2011 10:30 (30 minutes)

Presenter: OERTEL, Klaus-Dieter (Intel)

Session Classification: Parallel hardware, programming, etc.

Contribution ID: **9** Type: **not specified**

NUMA experience on large many-core servers from AMD/Intel

Friday 8 July 2011 11:00 (30 minutes)

Presenter: LEDUC, Julien

Session Classification: Parallel hardware, programming, etc.

Contribution ID: **10**   Type: **not specified**

What to expect from the people who want to move forwards

Friday 8 July 2011 11:30 (30 minutes)

Presenter: Mr JARP, Sverre (CERN)

Session Classification: Parallel hardware, programming, etc.

Contribution ID: **11**   Type: **not specified**

Discussion - Interactive Brainstorming session

Friday 8 July 2011 13:30 (1h 30m)

Presenter: Dr KISEL, Ivan (GSI, Gesellschaft fuer Schwerionenforschung mbH)

Session Classification: Discussions, wrap-up

Contribution ID: **12** Type: **not specified**

GPUs for fast triggering in the NA62 experiment

Thursday 7 July 2011 10:30 (30 minutes)

Presenter: LAMANNA, Gianluca

Session Classification: Intro/Recap from workshop in 2010/Frameworks

Contribution ID: **13**   Type: **not specified**

Experience using GPUs for ATLAS Z finder algorithm

Thursday 7 July 2011 16:30 (30 minutes)

Primary author: CLARK, Philip J.

Presenter: CLARK, Philip J.

Session Classification: Algorithms