CERN openlab/Intel Workshop on Numerical Computing (3rd instance)

Report of Contributions

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

Floating Point in Experimental HEP Data Processing

Monday 27 May 2013 09:00 (30 minutes)

Presenters: MONETA, Lorenzo (CERN);   INNOCENTE, Vincenzo (CERN)

Session Classification: Floating-point issues and pitfalls seen in High Energy Physics calculations (PH/SFT)

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

Floating point issues in Data Analysis

Monday 27 May 2013 09:30 (30 minutes)

Session Classification: Floating-point issues and pitfalls seen in High Energy Physics calculations (PH/SFT)

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

Understand floating-point arithmetic

Monday 27 May 2013 10:15 (45 minutes)

Presenter: ARNOLD, Jeffrey (Intel Corporation (US))

Session Classification: Understand floating-point arithmetic (x86-64) Part - 1 (Jeff Arnold, Intel Corporation)

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

Exercises

Monday 27 May 2013 11:15 (45 minutes)

Presenter: ARNOLD, Jeffrey (Intel Corporation (US))

Session Classification: Exercises (Day 1)

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

Floating-point control in the Intel C/C...

Tuesday 28 May 2013 09:00 (1 hour)

Presenter:　CORDEN, Martyn

Session Classification:　Floating-point control in the Intel C/C++ compiler and relevant libraries (Martyn Corden, Intel Corporation)

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

Understand floating-point arithmetic (x86-64) part 2

Monday 27 May 2013 14:00 (20 minutes)

Presenter: ARNOLD, Jeffrey (Intel Corporation (US))

Session Classification: Understand floating-point arithmetic (x86-64) Part - 2 (Jeff Arnold, Intel Corporation)

Contribution ID: **6**

Type: **not specified**

Opportunities for target accuracy in HEP software: focus on mathematical functions

Monday 27 May 2013 12:00 (30 minutes)

Presenter: PIPARO, Danilo (CERN)

Session Classification: Opportunities for target accuracy in HEP software: focus on mathematical functions