

Workshop Accelerated Computing For Fusion

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome Address (1)

Contribution ID: 1

Type: **not specified**

Processors Evolution

Monday, 28 November 2016 15:10 (30 minutes)

Presenter: Dr COLIN DE VERDIÈRE, Guillaume (CEA)

Session Classification: First day, afternoon session

Contribution ID: 2

Type: **not specified**

Towards Intelligent Linear Algebra Methods and Multi-Level Computing

Monday, 28 November 2016 15:40 (45 minutes)

Presenter: Prof. PETITON, Serge (CNRS & MdlS)

Session Classification: First day, afternoon session

Contribution ID: 3

Type: **not specified**

Discussions & wrap-up

Contribution ID: 5

Type: **not specified**

Optimization of fusion kernels on accelerators (remote from Japan)

Tuesday, 29 November 2016 09:30 (30 minutes)

Presenter: Dr ASAHI, Yuuichi (CEA & JAEA)

Session Classification: Second day, morning

Contribution ID: 6

Type: **not specified**

HPC Architectures Evolution : the case of Marconi, the new CINECA flagship system

Tuesday, 29 November 2016 10:00 (30 minutes)

Presenter: Dr LANUCARA, Piero (CINECA)

Session Classification: Second day, morning

Contribution ID: 7

Type: **not specified**

Efficient Parallel Programming on Xeon Phi for Exascale

Tuesday, 29 November 2016 10:30 (30 minutes)

Presenter: Dr PETIT, Eric (INTEL)

Session Classification: Second day, morning

Contribution ID: 8

Type: **not specified**

HLST/CINCOMP experience with new architectures : moving from helios to marconi

Tuesday, 29 November 2016 11:30 (30 minutes)

Presenter: Dr MOCHALSKYY, Serhiy (HLST)

Session Classification: Second day, morning

Contribution ID: 9

Type: **not specified**

NVIDIA accelerators experience and vision

Tuesday, 29 November 2016 14:30 (30 minutes)

Presenter: Dr COURTEILLE, François (NVIDIA)

Session Classification: Second day, afternoon

Contribution ID: **10**

Type: **not specified**

French accelerator technological watch experience

Tuesday, 29 November 2016 14:00 (30 minutes)

Presenter: Dr HAUTREUX, Gabriel (GENCI)

Session Classification: Second day, afternoon

Contribution ID: 11

Type: **not specified**

BULL experience with accelerators and Exascale Vision

Tuesday, 29 November 2016 15:00 (30 minutes)

Presenter: Dr PANZIERA, Jean-Pierre (ATOS/Bull)

Session Classification: Second day, afternoon

Contribution ID: 12

Type: **not specified**

Panel : new issues and future directions in accelerated HPC

Tuesday, 29 November 2016 16:00 (45 minutes)

Session Classification: Second day, afternoon

Contribution ID: 13

Type: **not specified**

Discussions & wrap-up