



## Agenda

### 68<sup>th</sup> HPC User Forum -- March 6-7, 2018

Hosted by **TERATEC** and **CEA**

*Très Grand Centre de Calcul du CEA (TGCC)*

*Bruyères-le-Châtel, France*

#### **TUESDAY, MARCH 6, 2018**

- 12:00-13:00 Registration and lunch
- 13:00-13:15 Welcome: HPC User Forum, CEA/Teratec, and Hyperion Research Update
- HPC STRATEGIES AND VISIONS**
- 13:15-13:45 EuroHPC: the European HPC Strategy, Leonardo Flores Añover, European Commission
- 13:45-14:15 Promotion of HPC Industrial Use in Japan: Experience with the K and post-K Supercomputers, Shig Okaya, Flagship 2020/RIKEN
- 14:15-14:30 Atos commitment to HPC and beyond
- 14:30-15:10 The View from America: The AI/BD/HPC Technology Intersection & Precision Medicine, Dimitri Kusnezov, U.S. Department of Energy
- 15:10-16:00 Break: Social Networking
- TECHNICAL TALKS**
- 16:00-16:20 ARM Technologies for HPC by Atos BULL, Eric Eppe
- 16:20-16:40 HPC-based AI/Deep Learning in the Commercial World, Ryan Quick, Providentia Worldwide
- 16:40-17:00 The Status and Prospects for Quantum Computing, Bob Sorensen, Hyperion Research
- 17:00-17:20 HPC in the Cloud Era, Beppe Ugolotti, NICE SRL
- 17:20-17:40 The Market for HPC Cloud Computing, Steve Conway and Bob Sorensen, Hyperion Research
- 17:40-17:50 Question and Answers
- 17:50-18:00 Close of First Day
- 18:10-18:40 Shuttle Buses to [Domaine de Fremigny](#) (dinner and hotel)
- 19:15-20:00 Aperitif/Cocktail Time at the Domaine de Frémigny
- 20:00-22:00 Dinner (Domaine de Frémigny)



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### **WEDNESDAY, MARCH 7, 2018**

08:15-08:45 Shuttle buses to Teratec Campus from Frémigny

08:30-9:00 Registration and Coffee

#### **HPC Centers and Industrial Users**

09:00-09:20 CCRT-CEA (France), Christine Menaché

09:20-09:40 The Hartree Centre (UK), Alison Kennedy

09:40-10:00 HLRS (Germany), Bastian Koller

10:00-10:15 Intel Technical Update, Trish Damkroger

10:15-10:30 Worldwide Study on HPC Centers and Industrial Users, Steve Conway,  
Hyperion Research

10:30-11:10 Break: Social Networking

#### **HPC APPLICATIONS**

11:10-11:30 HPC in Agriculture, Denis Wouters, Cybeletech

11:30-11:50 The POP Centre of Excellence: On the Difficulty of "Selling" Free  
Performance Analysis Services, Bernd Mohr, Forschungszentrum Juelich

11:50-12:10 HPC in Material Science, Andre Colom and Thomas Homolle, Michelin

12:10-12:30 Update on the DOE Exascale Computing Project, Doug Kothe, DOE

12:30-12:50 HPC in Aerospace, Frederic Feyel, SAFRAN

12:50-13:00 Close of HPC User Forum

13:00-14:00 Lunch (provided by CEA/Teratec hosts)

14:00 Shuttle buses to Massy-Palaiseau Railway Station  
(connections to Paris and airports)