



# Preliminary Agenda: 70th 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

### 13:15-15:10 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 Company Update, Eric Eppe

14:30-15:10 The View from America, Dimitri Kusnezov, U.S. Department of Energy

15:10-16:00 **Break: Social Networking**

### 16:00-17:50 TECHNICAL TALKS

16:00-16:20 Atos Technical Update, Agnes Boudot

16:20-16:40 HPC-based AI/Deep Learning in the Commercial World, Ryan Quick, Providentia Worldwide

16:40-17:00 HPC and Self-Driving Vehicles (awaiting speaker confirmation)

17:00-17:20 Memory-Driven Computing (awaiting speaker confirmation)

17:20-17:40 The Market for HPC Cloud Computing, Earl Joseph, Hyperion Research

17:40-17:50 Software for HPC Cloud Computing (awaiting speaker confirmation)

17:50-18:00 Close of First Day

18:10-18:40 Shuttle Buses to [Domaine de Frémigny](#) (dinner and hotel)

19:15-20:00 Aperitif/Cocktail Time (Frémigny)

20:00-22:00 Dinner, with Quantum Computing Talk (Frémigny)\*\*

\*\* Demand for this meeting has exceeded our expectations. We are still accepting registrations for the meeting, but the dinner seating is full. We are working to resolve this situation and will post another communication soon.



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## WEDNESDAY, MARCH 7, 2018

08:15- Shuttle buses to Teratec Campus from Frémigny and Massy-Palaiseau Railway Station

08:30-9:00 Registration and Coffee

### **09-00-10:30 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 Worldwide Study on HPC Centers and Industrial Users, Steve Conway, Hyperion Research

10:15-10:30 Intel Technical Update, Trish Damkroger

10:30-11:10 **Break: Social Networking**

### **11:10-13:00 HPC APPLICATIONS**

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

11:30-11:50 Application Performance, Bernd Mohr, Forschungszentrum Juelich

11:50-12:10 HPC in Material Science (awaiting speaker confirmation)

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

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 (connection to Paris and airports)