



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

**** Demand to attend this meeting has exceeded expectations and registration is no longer open. The next HPC User Forum in Europe will be on October 1-2, 2018 at HLRS/University of Stuttgart. An agenda and registration form will be posted at www.hpcuserforum.com on or about June 30.**

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, Andre Colomb and Thomas Homolle, Michelin

17:00-17:20 The Status and Prospects for Quantum Computing, Bob Sorensen, Hyperion Research

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

17:40-17:50 HPC in the Cloud Era, Beppe Ugolotti, NICE SRL

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)**



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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 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 (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)