THE INTERNATIONAL MEETING FOR HPC, SIMULATION, BIG DATA
27 & 28 June 2017
Ecole Polytechnique, Palaiseau, France

8 training workshops for get up to date ...

Let's go for the Teratec Forum 2017!

The next 27 & 28 June, TERATEC Forum will take place for its 12th edition at the Ecole Polytechnique campus, in Palaiseau, France.

Perfect illustration of the latest trends in use, the themes of the workshops demonstrate concretely how to grasp these technologies in its sector of activity:

WEDNESDAY 28 JUNE MORNING

■ A1 NUMERICAL SIMULATION TOOLS AND BIG DATA FOR MONITORING PRODUCTION AND QUALITY IN AGRICULTURE
Chairman: Christian SAGUEZ, CYBELETECH

- Objective: To take stock of the contributions of the various numerical tools of modeling, simulation and learning for the vegetal sectors: field crops and arboriculture.
Read more >>>

■ A2 HEALTH AND PERSONALIZED MEDICINE IN 2025
Chairman: Claude CAMOZZI & Gérard ROUCAIROL, TERATEC

- Objective: How simulation, new molecule design, therapeutic decision support, large number treatments, etc ... make certain practices of this medicine more personalized.
Read more >>>

■ A3 BLOCKCHAIN AND THE DIGITAL VALUE CHAIN: FOUNDATIONS, PROMISES, CHALLENGES, EXAMPLES
Chairmen: Jean-Philippe NOMINE, CEA/DAS Sara TUCCI and Géraud CANET, CEA/LIST

- Objective: The blockchain as a technical object: precise vision of its properties and limitations. Views of the main players in this digital value chain: major industrial groups, SMEs, developers of these platforms
Read more >>>

■ A4 EVOLUTION OF THE HPC SOFTWARE ENVIRONMENT IN AN HPC-HPDA CONVERGENCE CONTEXT
Chairman: François BODIN, IRISA

- Objective: This workshop highlights the new software tools for digital computing and shows a greater diversity of programming languages.
Read more >>>

WEDNESDAY 28 JUNE AFTERNOON

🟥 A5 ALGORITHMS & DEEP LEARNING, NEW PARADIGMS AND CHALLENGES?
Chairman: Laurent CAVELIUS, TELLMEPLUS & Christian SAGUEZ, CYBELETECH

• <u>Objective</u>: By gathering scientists, suppliers and users, this workshop discusses the consequences of HPDA on major analytical models, new challenges, scientific prism or some cases of use.
Read more >>

🟥 A6 BIG DATA FOR MATERIALS SCIENCES
Chairman: Gilles ZERAH, CEA

• <u>Objective</u>: How numerical simulation associated with "Big Data" techniques can accelerate knowledge, as well as the discovery of new materials with optimized properties.
Read more >>

🟥 A7   INTERCONNECT
Chairman: Guillaume COLIN DE VERDIERE, CEA

• <u>Objective</u>: This session will highlight the latest developments in interconnection through presentations by major players in this field.
Read more >>

🟥 A8 PRECISION AND NUMERICAL STABILITY IN HPC SIMULATIONS
Chairman: Eric PETIT, INTEL

• <u>Objective</u>: In this workshop, various aspects of the problem of floating arithmetic in numerical simulation will be explored through concrete tools and practical cases.
Read more >>

Print your badge* here

TUESDAY 27 AND WEDNESDAY 28 OF JUNE 2017 - ECOLE POLYTECHNIQUE, PALAISEAU

*Required to access the Teratec Forum

To find out more on: **Forum Teratec**

PRESS Contact	**TERATEC Contact**
Colette REY	Jean-Pascal JEGU
Tel : +33 (0)9 51 70 20 57	Tel : +33 (0)9 70 65 02 10
Cell: +33 (0)6 14 73 97 43	Cell: + 33 (0)6 11 44 49 59