

TERATEC 2014 Forum: The benefits of HPC for companies

There's no longer any doubt about it: HPC helps companies by boosting their competitiveness! That was one of the main observations that the Teratec Forum illustrated during 2 very dense days of programming in Palaiseau, ending on July 2.

The **first day's talks** highlighted how rapidly HPC has been expanding in France and the extent to which it has been adopted by the government in France and even Europe via major decisions, such as the **official launch of the "Supercomputers" plan**, one of the first of the 34 plans adopted by the French government; it was approved on May 7 by Minister of Industrial Recovery Arnaud Montebourg and President François Hollande.



Speech by Pascal Faure, Director General of Competitiveness, Industry and Services at the Ministry of Industrial Recovery and launch of the "Supercalculateurs" plan by Gérard Roucairol, President de Teratec.

Objectives:

- Push hardware and software technologies to achieve exaflop performance.
- Reinforce the sector-specific initiatives described in concrete terms during the **2nd day's workshops**: Healthcare, Plants, City, Food Processing, Materials, Multimedia, Manufacturing, etc.
- Encourage small businesses and industrial firms to use more and more HPC technologies by supporting their plans to do so.
- Implement appropriate advanced education systems across the country.

During the 2 days of the forum, more than 1,200 participants learned about the latest hardware and software innovations in high performance computing: digital simulation, supercomputers, visualization, graphics cards, open source, Cloud, GPU, Big Data, storage, cluster, engineering services, virtual prototyping, R&D, scientific computing, and more. All the components of HPC were represented at booths in the Grand Hall, offering tangible evidence of the expertise of this year's 65 exhibitors at the Forum.



This year as always, the Teratec Forum not only supported the development of HPC for large-scale uses (NASA for aerospace, the Cloud, etc.) but also demonstrated the importance of high performance computing for small businesses and industrial firms.

Today, with the French government investing heavily in high performance computing and the launch of the European HPC technology platform as part of the 8th Framework Programme (Horizon 2020), the Teratec Forum has officially ushered France and Europe into the HPC era.

Videos and photos available on the [Teratec 2014 Forum website](#)

**SAVE THE DATE! - TERATEC 2015 Forum - 10th anniversary
June 23 & 24, 2015 - Ecole Polytechnique, Palaiseau**



All the information on: [Forum Teratec](#)

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