

Forum TERATEC

20 - 21 OCTOBRE 2026

PARIS · PALAIS DES CONGRÈS

2026: A Key Year for HPC, AI, and Quantum Computing in Europe

Didier Besnard

President of Teratec

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quobly

2026: A New Step Forward in Computing



HPC • AI • QUANTUM

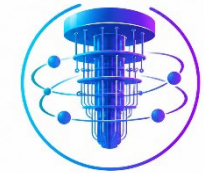
Exascale

A New Level of Computing Capacity in Europe



Large-Scale AI

New Infrastructure and New Applications



Quantum computing

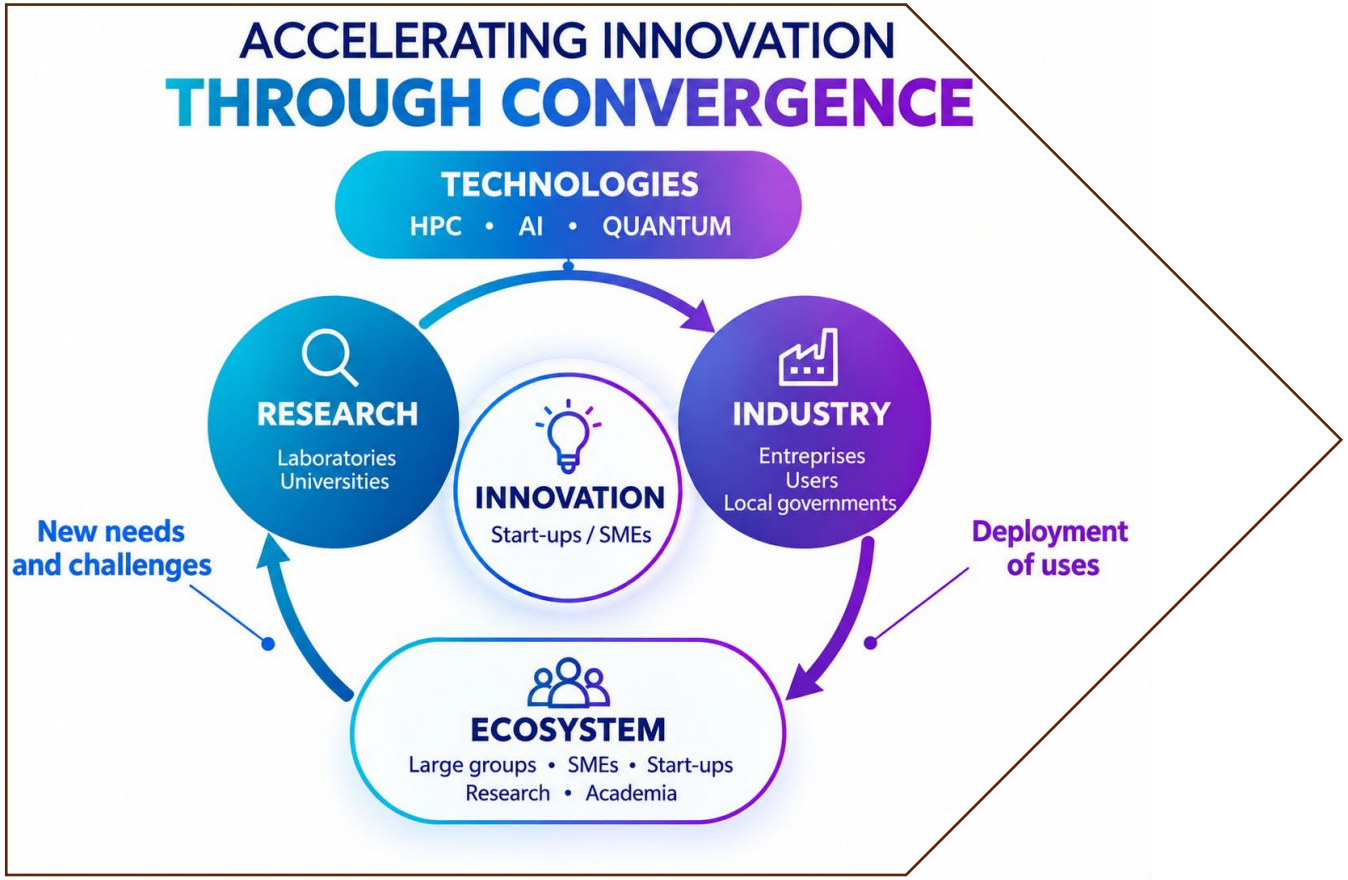
The First Machines and Use Cases



HPC + AI

A Convergence that is transforming simulation

Teratec's Role



Accelerate the spread of technologies,skills, and practices

Keynotes

Strategic Vision & European Ambitions

Tuesday, October 20



Didier Besnard
President
Teratec



Michaël Krajecki
President
Genci



Vincent Casillas
CTO
SiPearl



Laurent Crouzet,
DGRI
Ministère de l'Enseignement supérieur, de la Recherche et de l'Espace



Jalal Fadili
Direction Centre AISSAI
CNRS



Bruno Lecointe
SVP HPC AI & Quantum Business line
Bull



Keith Strier
Senior Vice President
AMD

Keynotes

Strategic Vision & European Ambitions

Wednesday, October 21



Jensen Huang
President and CEO
Nvidia
en télétransmission directe



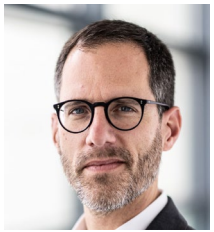
Anne-Sophie Liduena
Deputy CEO
Eclairion



Laurent Champaney
Directeur général
ENSAM



Oscar Diez
Head of Sector for Quantum Technologies DG Connect
European Commission



Pierre Cottenceau
Directeur technique, recherche & technologie
Safran Aircraft Engines



Hervé Mouren
Directeur
Teratec

Exhibition

At the Heart of Innovation: The Leaders and Technologies Shaping the Digital Future

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Module it designed datacenters	MULTIVERSE COMPUTING	ONERA	QUANDELA	Quantum	quobly	rackslab	SAFRAN	SCALITY	SCC
	Schneider Electric	SIPEARL	sopra steria	Teratec	UCIT	UVSQ université PARIS-SACLAY	VIRIDIEN	ZenML	

The Forum in tune with its Ecosystem

Three priorities to move our community forward

Accelerating Innovation

Research • Innovation • Industry



Strengthen collaboration and knowledge sharing among members, particularly through startups

Collaborative Initiatives
TQCI • HPC + AI

Developing Skills

Training • Acculturation • Networking



Supporting the needs of businesses and students, educational institutions, and industry partners

HPC/AI Training • 5 Quantum Training Sessions • Job Dating

Anticipating Changes

Foresight • Strategies • Outlooks



Putting the transformations in HPC, AI, and quantum computing into perspective and informing future decisions

French and European quantum strategies • Debates and outlooks

TERATEC : Advancing Technologies, Skills, and Applications

Quantum Masterclasses

In-depth training provided by leading European companies specializing in quantum computing

- **Bull - Introduction to Quantum Programming using Bull's myQLM Environment**
  Tuesday, October 20, from 10:00 a.m. to 12:00 p.m.
- **Quandela - Press Start: Generate Mario Levels with Quantum Machine Learning and MerLin**
  Tuesday, October 20, from 2:00 p.m. to 4:00 p.m.
- **Quobly - Quantum Computing for Multiphysics Simulation: Spin-Qubit Hardware and Fluid Dynamics Algorithm**
  Tuesday, October 20, from 2:00 p.m. to 4:00 p.m.
- **Pasqal - From neutral atoms to use cases : programming on a Pasqal quantum computer**
  Wednesday, October 21, from 2:00 p.m. to 4:00 p.m.
- **Alice & Bob - Decode like a Cat : An introduction to Quantum Error Correction with Cat Qubits**
  Wednesday, October 21, from 2:00 p.m. to 4:00 p.m.



Technical and Application Workshops

Explore, learn, experiment: the spirit of the TERATEC Forum workshops

Tuesday, October 20, from 4:00 p.m. to 6:00 p.m.

Trust in HPC: Ensuring Accuracy in the Age of AI

Chaired by **Norbert Bourneix** (Scientific tools manager, **Safran**) et **Pierre Louat** (Sr Architect & Application engineering EMEA, **Synopsys**)

AI in Industry: From Design to Production

Chaired by **Mathilde Mougeot** (Professeure des Universités, **ensIIE & ENS Paris-Saclay**) et **Vivien Clauzon** (Principal numerical scientist HPC, **Michelin**)

The Evolution of Major European Digital Infrastructures for HPC and AI

Chaired by **Jean-Thomas Acquaviva** (Expert R&D – Stockage HPC & IA, **VAST Data**) et **Jean-Yves Blanc (**VP IT Strategy, **Viridien)**

Wednesday, October 21, from 9:00 a.m. to 11:00 a.m.

Edge-to-Super Computing: Advancing Scientific Research and Digital Twins

Chaired by **Christelle Piechurski** (Scientific Program Manager, **Nvidia**) et **Stephane Requena** (Directeur Technique & Innovation, **GENCI**)

Smart Cities and Regions: The Role of AI, from Models to the Frontiers of Physics and High-Performance Computing

Chaired by **Paco Chinesta** (Professeur des universités, **ENSAM**) et **Dominique Baillargeat** (Scientific executive director, **CNRS&CREATE**)

Defense AI: From Engineering to Mission-Critical Systems

Chaired by **Patrick Fabiani** (Scientific Advanced Studies and AI Roadmap, **Dassault Aviation**) et **Thierry Collette** (Chief Program Officer, **Thales**)

Quantum computing in Europe: Cross-cutting strategies and synergies

Chaired by **Loïc Le Loarer (Coordinateur de la Stratégie Nationale Quantique, SGPI), Jean-Philippe Nomine (HPC Strategic Collaborations Manager, CEA**) et **Emmanuelle Vergnaud** (Directrice adjointe, **Teratec**)

Round Tables

Tuesday, October 20, from 11:30 a.m. to 12:15 p.m.

Independence/Technological Mastery, and Data Privacy

Chaired by Stéphane Réquéna, Directeur Technique & Innovation, **Genci** with the participation of **Cristos Datiskas**, Program manager, **EuroHPC - Francois Pellegrini**, Professor, **Université de Bordeaux - Bruno Lecointe**, Vice-Président Senior, Directeur HPC, IA et Quantique, **Bull - Sylvain Mousset**, Chef du Bureau Technologies & Innovation, **ANSSI - Thierry Betmont**, Directeur technique, **Thales Services Numériques**

Tuesday, October 20, from 2:00 p.m. to 2:45 p.m.

Acculturation, Training, Transformation: Three Major Areas of Focus in the Digital Age

Chaired by Philippe Bricard, CEO & Founder, **UCit** with the participation of **Féthi Ben Ouezdou**, Directeur du Campus de Aix-en-Provence, **ENSAM - Philippe Wieczorek**, MIAI cluster director, **Université Grenoble-Alpes - Frederic Gimenez**, CDO & Digital Factory Managing Director, **TotalEnergie - Valentin Delis**, Maître de Conférences, **ensIEE**

Wednesday, October 21, from 2:00 p.m. to 2:45 p.m.

Environment, Climate, and Risks

Chaired by Christian Saguez, Président d'honneur, **Teratec** with the participation of **Ludovic Cassan**, Chercheur sénior, **CERFACS - Philippe Drobinsky**, Directeur de recherche, **CNRS - Matthieu Secher**, Ingénieur d'étude en Hydraulique et Sédimentologie, **EDF - Noor Ben Jebria**, Natural Catastrophe Risk Analyst, **SCOR**

Thank you
to everyone!

We wish you a wonderful Teratec Forum 2026
and hope it will meet all your expectations