



## Day-1 week

### TERATEC DIGITAL FORUM 2020

The international meeting for simulation, HPC, big data  
and artificial intelligence

October 13 and 14, 2020

Registration and information on: <https://teratec.eu/forum>

**As the revival of the global economy and medical research become more than necessary, the Teratec Forum timely comes up to take stock of current research and present the latest innovations in the areas of simulation, HPC, Big Data, artificial intelligence, quantum computing...**

For two days, the Teratec Digital Forum 2020 will bring together a panel of highly regarded experts, industrialists and political figures to discuss economic and technical strategies, with contribution of digital in the health sector, progress in areas as varied as industry, medicine, agricultural, aerospace...

In addition, Teratec will welcome **about fifty companies and European projects teams** ready to respond to visitors during personalized business meetings (see end of Press release for list of Exhibitors).

### **VIRTUAL PRESS DESK: NEWS FROM EXHIBITORS (reserved to Journalists)**

In order to access the **latest innovations proposed by Teratec Exhibitors**, find their files and photographs on the Teratec virtual service.

Ask for the link to [stephane@ab3c.com](mailto:stephane@ab3c.com)

We are also at your disposal throughout the Forum to answer your requests for information or interviews.

### **PRESS REGISTRATION**

To get your accreditation and participate in the various key moments of Teratec, we invite you register:

FR - <https://teratec.eu/forum/inscription.php>

GB - <https://teratec.eu/gb/forum/inscription.php>

## KEY MOMENTS OF THE TERATEC DIGITAL FORUM 2020

### ➔ Tuesday October 13, 2020 - 9h30 to 11h00 – Plenary Session

*European and French politicians and industrialists will share their vision and testimony on state of the art of technology, medium and long term perspectives and strategies to be implemented to better control and improve the competitiveness of companies.*

With participation of:

- Daniel VERWAERDE, Président et co-fondateur, Teratec
- Thierry BRETON, Commissaire européen
- Florence PARLY, Ministre des Armées
- Alain ROUSSET, Président du Conseil régional de Nouvelle-Aquitaine
- Xavier URSAT, Directeur exécutif, Groupe EDF
- Eric GENEVOIS-MARLIN, Global Head of R&D Digital and Data Sciences, Sanofi
- Marie-Noëlle SEMERIA, Directrice Recherche et Développement, Groupe Total
- Trish DAMKROGER, Vice President, Intel Data Center Group
- Kevin D. KISSELL, CTO, Google

### ➔ Tuesday October 13, 2020 - 11h00 to 12h00 – Roundtable « How can digital technology serve Health facing COVID-19? »

*Health crisis caused by the COVID-19 pandemic has shaken the economy dramatically, forcing businesses and society as a whole to adapt and find new ways of operating. Such adaptation was made possible in large part by digital technologies. Those play a crucial role particularly in healthcare, whether by enabling new uses of telemedicine to monitor patients at home or by analyzing large amounts of data in an intelligent way to better model the evolution of epidemic foci.*

*During this roundtable, major players in HPC, Big Data and Simulation will discuss all technological and societal challenges of the new uses of HPC and HPDA for the medical field: discovery of new drug molecules, development of vaccines, personalized medicine through digital twins...*

*With leading expertise in these fields, will France take all means to act as a pioneer rather than a follower? And how to manage these technological advances to avoid such sensitive data would fall into competitor's hands?*

Led by Julien BERGOUNHOX, Editor-in-Chief of *L'Usine Digitale*, this roundtable discussion will bring together the major sponsors of the Teratec Digital Forum 2020:

- Xavier VIGOUROUX, HPC, AI & Quantum Strategic Collaborations Coordinator, Atos
- Thierry PELLEGRINO, VP & General Manager of HPC, Dell
- Alex BOUZARI, CEO, DDN
- Pierre HOFFER, Directeur HPC & IA, Hewlett Packard Enterprise
- Michael J. MCMANUS, PhD Director, Precision Medicine & Principal Engineer, Intel
- Jacques-Charles LAFOUCRIERE, Chef de projet informatique, CEA
- Pierre PUIGDOMENECH, Président, Do IT Now

➔ **Tuesday October 13, 2020 - 15h30 to 16h00 – 6th Trophies of Simulation and AI 2020**

*Organized with L'Usine Digitale in partnership with Ansys, the CEA, Inria and Smart 4D, these trophies reward an innovative project or a company that has carried out an outstanding operation in the field of computer simulation, high-performance computing, Big Data or AI.*

*Added to the five usual trophies, this COVID-19 Trophy is one exceptional award for this year.*

Projects nominated:

**START-UP category:** Cortexia, Numalis, Sarus Technologies

**SME category:** Agenium Scale, Savoie Transmissions, TWEAG

**INNOVATION category:** Cosmo Tech & Renault, Eramet, Numalis, Tweag

**CO-DESIGN category:** Cerfac - Akira - Safran, Cosmo Tech & Renault, Sitowie

**COVID-19 category:** Dassault Systemes, ESI Group, Octo Telematics

**Presentation of retained projects:** <https://www.usine-digitale.fr/article/vote-for-6e-trophies-of-simulation-and-digital-technologies.N1010419>

## PLANNING OF TERATEC DIGITAL FORUM 2020

### **Tues. October 13**

9h30 - 11h00	Plenary Session	
11h00 - 12h00	Roundtable	How can digital technology serve Health facing COVID-19?
14h00 - 15h30	Workshop	Digital twin in Medecine
15h30 - 16h00	Trophies	6th Trophies of Simulation and AI 2020
16h00 - 17h30	Workshop	Quantum computing

### **Wed. October 14**

09h00 - 10h30	Workshop	Environment and satellite data
11h00 - 12h30	Workshop	AI and scientific computing
14h00 - 15h30	Workshop	Cloud computing and HPC
16h00 - 17h30	Workshop	Do you speak Exascale?

## EXHIBITORS

ACTIVEON	DO'IT NOW	LEXIS Project *
AGENIUM SCALE	EMG2	MICRO SIGMA
ALLIANCE SERVICES PLUS	ENERXICO Project *	MICROCARD *
ALTAIR ENGINEERING	EoCoE-II *	MICROSOFT
AMAZON WEB SERVICES	ESIWACE Project *	MONT-BLANC Project *
AMD	ETP4HPC	NEC HPC
ANEO	EUROCC *	PARATOOLS
AQMO Project *	ExaQUte *	POP-2 *
ARM	EXDCI-2 *	RESCALE
ASPIDE Project *	GENCI	SCALITY
ATEMPO	GRAPHCORE	STAUBLI RACCORD France
ATOS	HEWLETT PACKARD	T-SYSTEMS France
BECHTLE DIRECT	ENTERPRISE	UCIT
CEA DAM	HPC-BigData Project Lab *	UTOPIAE *
ChEESE *	HPCWE *	WESTERN DIGITAL France
CYBELE Project *	INRIA	XILINX
DDN STORAGE	INTEL CORP.	
DELL	LENOVO	

\*Present at Europa Village.

[www.teratec.eu](http://www.teratec.eu)

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