Forum Teratec

28 & 29 juin / June 2016
ECOLE POLYTECHNIQUE
PALAISEAU - FRANCE

THE INTERNATIONAL MEETING FOR SIMULATION, BIG DATA AND HPC

Exhibitors: What's new in 2016?

The **Teratec Forum** gives us each year, the opportunity to focus on the more recent projections in terms of products and services: to be discovered on the show the 28 and 29 June at the Ecole Polytechnique in Palaiseau, France: the offer of the most representative actors of the market, distributed on nearly 80 stands.

Here is a first impression of what the exhibitors will propose to us this year:

◆ ACTIVEEON Stand 18
Press contact: Veronika TSIARESHCHANKA
Tel. : +33(0)9 88 77 76 67 - Mail : veronika@activeeon.com

ActiveEon is an Open Source ISV (Independent Software Vendor) providing innovative solutions for IT automation, acceleration and scalability, Big Data, Internet of Things, Distributed and parallel applications. ActiveEon offers ProActive, a software available in SaaS mode, both in the Cloud and on premises:

- ProActive Workflows & Scheduling: a complete workload scheduler that distributes and simplifies the execution of applications, featuring a workflow orchestrator and a resources manager.
- ProActive Parallel Scientific Toolbox: toolboxes that allow the distribution and the acceleration of Matlab, Scilab and R Language on Clusters, Grids or Clouds, also featuring data transfer and License cost optimization.
- ProActive Cloud Automation: automates the deployment and management of complex multi-VMs applications, manages heterogeneous and hybrid environments (multi-vendor private, public and hybrid clouds).
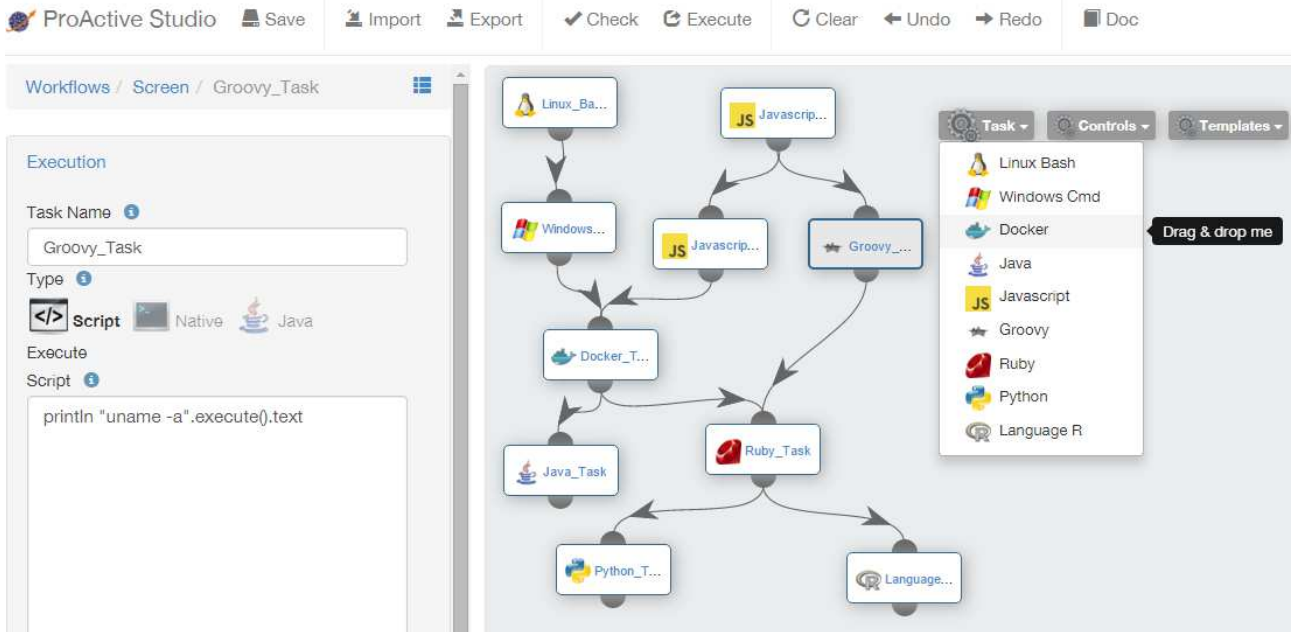
An innovative technology ProActive involved in all ActiveEon software includes numerous new features, amongst which the most recent one – *an advanced error management* which consists in several response modes: continue execution, cancel or pause job.
Since May 2016, the key ActiveEon product *Workflows & Scheduling* is also available on Amazon Web Services Marketplace in SaaS and PaaS.

Since June 1st, ActiveEon has a new location in the Silicon Valley, in San Francisco. ActiveEon's global locations include now the United States, United Kingdom, Bulgaria and France.
ActiveEon is working with small and large customer accounts worldwide, operating in information technologies, engineering, aeronautics and space, energy, bio technology and health, media, distribution, IoT and finance.

ActiveEon is involved in numerous innovative projects dealing with digital simulation, amongst which is the « MarineCloud » project with *Open Ocean* that led to the creation of a cloud-based platform using workflows for digital simulation of marine energy production, called "The Ocean Energy Farm Design".
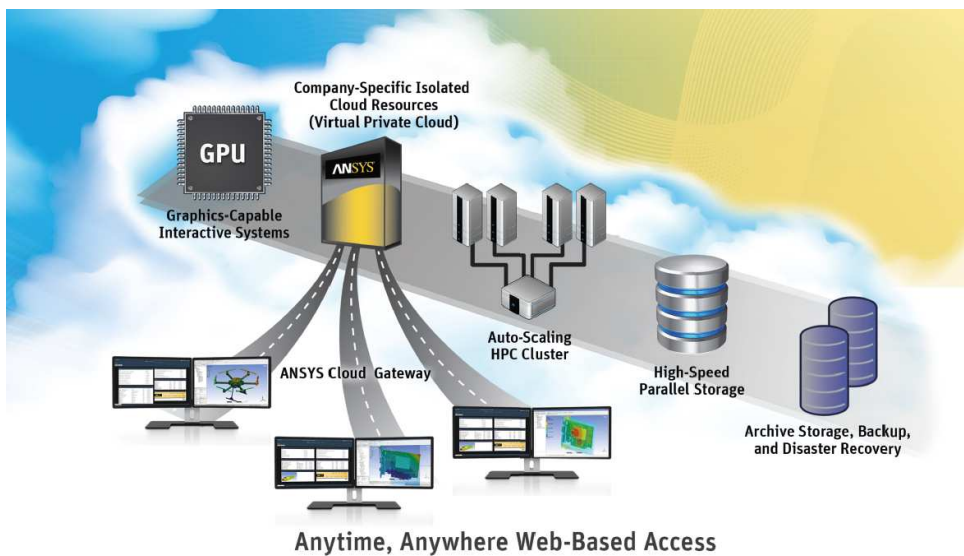
◆ ANSYS Stand 41

Contact: Sabine MAÏDA, Marketing Manager –
Tel: 06 72 75 93 79 - Mail: sabine.maida@ansys.com

ANSYS High-Performance Computing

ANSYS High-Performance Computing (HPC) adds tremendous value to engineering simulation by enabling the creation of large, high-fidelity models that yield accurate and detailed insight into the performance of a proposed design. High-fidelity simulations enable engineering teams to innovate with a high degree of confidence that their products will meet customer expectations — because their extremely accurate simulations are predicting the actual performance of the product under real-world conditions.

HPC also adds value by enabling greater simulation throughput. Using HPC resources, engineering teams can analyze not just a single design idea, but many design variations.
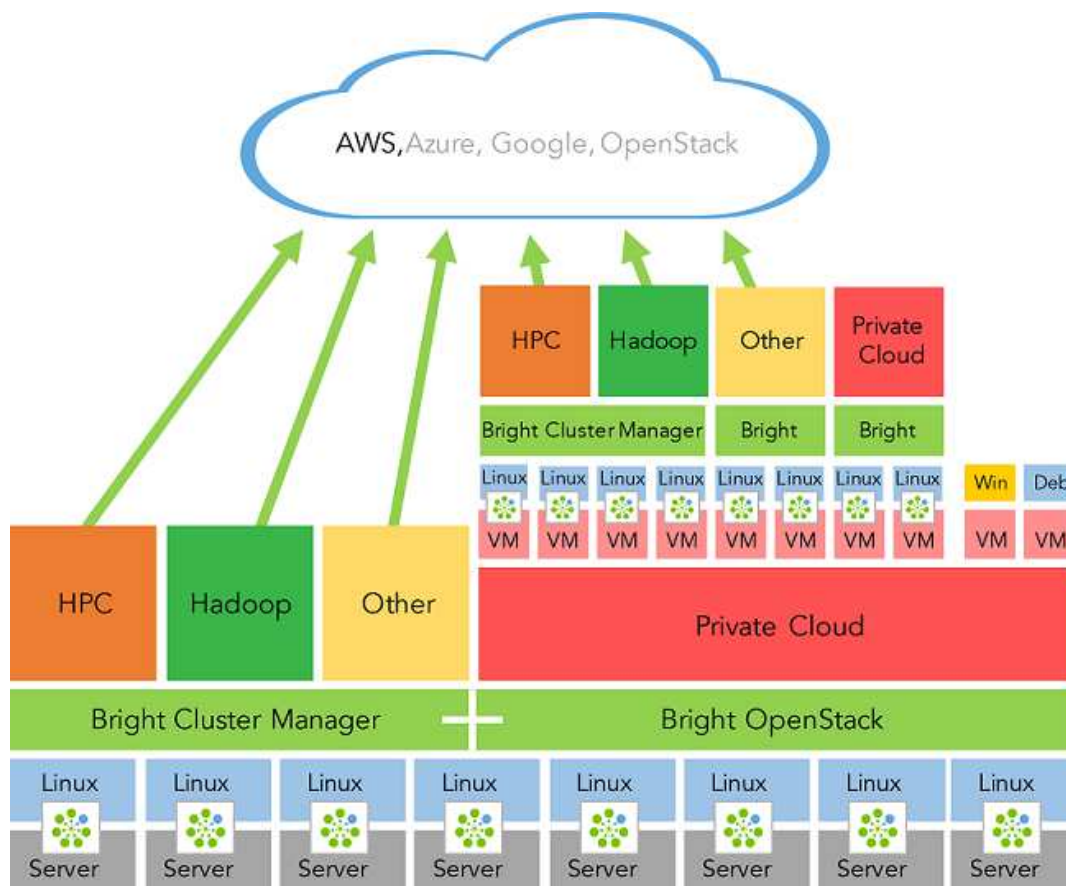
By simulating multiple design ideas concurrently, R&D teams can identify dramatic engineering improvements early in the design process, prior to and more effectively than physical prototyping alone.

ANSYS HPC specifically enables parallel processing for solution of the toughest, higher-fidelity models — including more geometric detail, larger systems and more complex physics. Using ANSYS HPC to understand detailed product behavior provides companies with confidence in the design and helps ensure that the product will succeed in the market.

♦ BRIGHT COMPUTING Stand 23

Bright Computing offers comprehensive software solutions for provisioning and managing HPC, big data, and OpenStack private clouds to many professional sectors including academia, government, finance, manufacturing, pharmaceuticals, oil and gas. Bright technology is deployed around the world, helping organisations run their businesses and research. Our clients include some of the most respected global companies such as Boeing, Intel, NASA, and Stanford University. Amazon, Cisco, Cray and Dell are among our partner network.

At Ter@tec receive a demo on Bright Cluster Manager for HPC, Bright Cluster Manager for Big Data, and Bright OpenStack. At Bright we make it easy to deploy, manage & operate infrastructure in the data center and in the cloud: http://www.brightcomputing.com/request-a-demo

♦ BULL Stand 59
Press contact: (on the show): Pascale Bernier-Bruna
Tel: 06 74 09 38 82 - Mail: pascale.bernier-bruna@atos.net

Bull is the Atos brand for its technology products and software, which are today distributed in over 50 countries worldwide.

With a rich heritage of over 80 years of technological innovation, 2000 patents and a 700 strong R&D team supported by the Atos Scientific Community, it offers products and value-added software to assist clients in their digital transformation, specifically in the areas of Big Data and Cybersecurity.

Bull is recognized as the European leader in HPC and its products include sequana and bullx, the energy-efficient supercomputers thanks to patented Bull technology. Bull is part of Atos.

For more information: www.bull.com

At the Teratec Forum Bull will present the following solutions:

- Bull continues to unfold its exascale plan. The first Bull sequana systems are now up and running (sequana blade on stand), and the Bull eXascale Interconnect, based on ASICs entirely developed by the Atos/Bull R&D, is coming up.
- Extreme factory, the Bull HPC-as-a-Service offer, a flexible and complete work environment with personalized service that allows HPC users to conveniently manage every stage of their project, from data loading to visualizing the results.
- Bull data management solutions for HPC environments, in particular a Bull solution for HPSS.

◆ **CADLM** Stand 44

Press contact: Agnès BELLINI, Resp. Commercial
Tél : +33 (0)1 69 07 29 22 - Mail : agnes.bellini@cadlm.com

ODYSSEE - Explore new industrial horizons
Optimal Decision Support System for Engineering and Expertise

Exploit your industrial data to enhance predictive modeling

CADLM has over 25 years of experience in computer simulation, optimization and industrial data mining.
We are an actor in HPC, BIG-DATA analysis, software development and customization. We are a member of Teratec, System@tic, Moveo, Astech and Advancity (Pôle de competitive).
Our qualified know-how concerning machine learning techniques, non-linear simulation solutions, robust optimization and reliability analysis of complex industrial systems (where FE solutions are inappropriate) is encapsulated in our software ODYSSEE (Optimal Decision Support System for Engineering and Expertise).

ODYSSEE provides packaged solutions for industrial BIG DATA processing (analysis of acquired process data, health and early warning indicators, optimization of production line control parameters, fault detection, customization of dedicated decision support tools based on ODYSSEE modules,...).

Additionally we provide virtual testing tools for automated analysis of digital data coupled with experimentation and expertise (implementation of complex processes control dashboard, optimizing outcomes, saving time in correlation between tests versus simulations).

Vertical applications are also available for studying reliability and robustness of a structure or a complex system at a very low computing cost, based on reduced models for process control, on-board (real time) applications and decision support tool.

ODYSSEE is available since June 2015, new modules, customizations and applications will be presented on the booth 44.

♦ CEA DAM ILE DE France Stand 09

Press contact: Florence Tronyo-Le Dot
Tél. +(33)1 69 26 55 54 - Mail : florence.tronyo-ledot@cea.fr

To satisfy the increasing needs of high performance computing power for numerical simulation, CEA and its CCRT industrial partners will have, by the end of 2016, a new petascale supercomputer, designed by Bull, Atos technological brand.

Three times more powerful than the current CCRT supercomputer, and also three times more energy-efficient, Cobalt supercomputer is being installed in TGCC facility ("Très grand centre de calcul du CEA"), in Bruyères-le-Châtel (Essonne).

The teams of Airbus D&S, Areva, Cerfacs, EDF, Herakles, Ineris, L'Oreal, Safran Tech, Snecma, Techspace Aero, Thales, Thales AleniaSpace, Turbomeca, Valeo, as well as CEA and France Génomique Consortium – supported by the "Programme Investissements d'Avenir" – will soon have outstanding computing resources to develop their projects.

♦ CRAY Stand 26

Cray® XC40™ Supercomputer Series
The Cray XC40 supercomputer provides extreme application scalability, sustained performance and an adaptive platform that enables users to upgrade their system easily. Equipped with multiple processor technologies, a high performance network, distributed operating system and a productive programming environment, the XC40 series excels at large-scale computations and reduces processing times on multi-petaflops applications. The Cray XC40-AC (air-cooled) supercomputer delivers all the advanced high performance computing technologies of the high-end XC-40 system while economizing the packaging, networking, cooling and power.

Cray® CS400™ Cluster Supercomputer Series
Cray CS400 cluster supercomputers are scalable cluster solutions that group industry-standard building block server platforms into a unified system. Available with air- or liquid-cooled architectures, Cray CS400 systems offer outstanding flexibility, manageability and energy efficiency. The Cray® CS-Storm cluster is an accelerator-optimized system that consists of multiple high-density multi-GPU server nodes, designed for massively parallel computing workloads.

Urika®-GX Agile Analytics Platform
The Urika-GX system is the first agile analytics platform that fuses supercomputing technologies with an open, enterprise-ready software framework for big data analytics. The Cray Urika-GX system gives customers unprecedented versatility for running multiple analytics workloads concurrently on a single platform that leverages the speed of a Cray supercomputer.

♦ ETP4HPC Stand 10

Contacts: Jean-François LAVIGNON, Chair of ETP4HPC
Tel : +33 6 71 70 39 08 - Email : chair@etp4hpc.eu
Jean-Philippe Nominé, ETP4HPC Office
Tel : +33 6 83 84 12 77 - Email : jean-philippe@office.etp4hpc.eu

EUROPEAN TECHNOLOGY PLATFORM FOR HIGH PERFORMANCE COMPUTING

ETP4HPC: an Industry-Led Forum founded by Stakeholders of HPC Technology
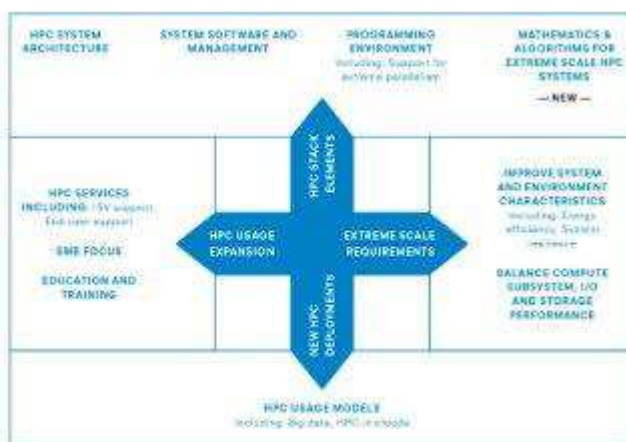
ETP4HPC is defining research priorities for HPC technological research at the European level. Its objective is the development of a globally competitive HPC technology ecosystem in Europe.

ETP4PHC proposes and helps to implement a Strategic Research Agenda, while acting as the "one voice" of the European HPC industry in relations with the European Commission and national authorities.

ETP4HPC has signed a contractual Public Private Partnership (cPPP) with the EC in December 2013; this agreement brings together technology providers and users for developing the next generation of HPC technologies, applications and systems towards exascale, as well as more pervasive use of HPC at all scales, and achieving excellence in HPC applications.

ETP4HPC now has 80 members from industry and research, and has issued recently a major release of its Strategic Research Agenda, which will be a reference document for next HPC calls in Work Programme 2018-2020 of Horizon 2020.

- To find out more: www.etp4hpc.eu
- To become an ETP4HPC member: http://www.etp4hpc.eu/en/become-a-member.html
- Strategic Research Agenda : http://www.etp4hpc.eu/en/sra.html
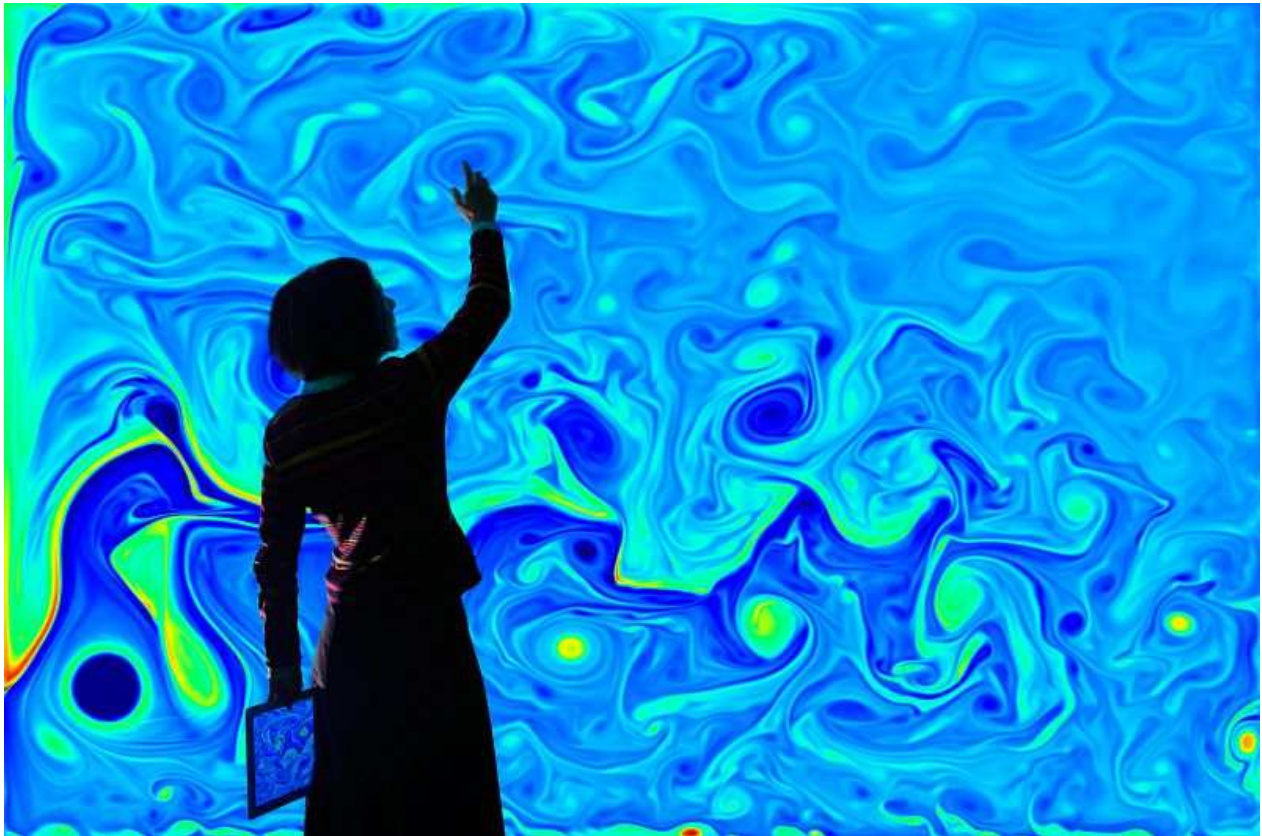

♦ INRIA Stand 66

Press contact: David Loureiro
Tel: +33 6 77 05 20 61 - Mail: david.loureiro@inria.fr

This year Inria is partner of the European Research Café which will be dedicated to European research projects and initiatives in the fields of scientific computing, HPC, and Big Data. Besides, Inria will present on its booth a selection of its key technologies in these domains:

- Simgrid is dedicated to the simulation of parallel and distributed applications allowing the detection of anomalies, the prediction of computing time, or the management of hard/soft architecture problems.

- Damaris allows the user to accelerate data analysis in the context of large-scale HPC simulations by eliminating transfer time, doing it directly from the computing resources that produce the data.

- MUMPS is one of the leading numerical solvers for linear algebra on the market. It combines state of the art parallelism and high processing capabilities, while limiting computing time and usage of the computing resources.

- StarPU allows the effective use of parallel architectures permitting the programmers to focus on their algorithms thanks to optimized usage of the various processors/accelerators and the minimization of data movements.

2013 - Clémentine Prieur, professeur Université Joseph Fourier, membre de l'équipe MOISE, devant un modèle de circulation océanique à très haute résolution (1 km).
© Inria / MOISE - CNRS / LEGI / Photo N. HaironInria, the French National Institute for computer science and applied mathematics, promotes "scientific excellence for technology transfer and society" and aims to explore original approaches with its partners in industry and academia.

♦ INTEL CORPORATION Stand 31

Press contact: Benjamin LESUEUR Responsable des relations publiques, Tech & B2B – France/Suisse
Tel : 01 58 87 72 31 - Mail : benjamin.lesueur@intel.com

Intel makes the most amazing experiences possible. Intel innovations extend the reach and power of computing in the field of enterprise servers, and Cloud; they help make the Internet more intelligent and better connected objects, and help ensure the safety of our digital lives.

The new range of family Intel® Xeon ™ processors E5v4, built on 14 nm technology, offers up to 22 cores / 44 threads per socket and 55 MB of last level cache per socket offering increased performance.

These processors are designed to create the architecture of next-generation data center infrastructure software defined. They support cloud workloads intensive computing (HPC), networking and storage with new SSDs for Data Center.

Intel SSD Data Center for the P3520 and P3320 are the first Intel SSD to use 3D technology

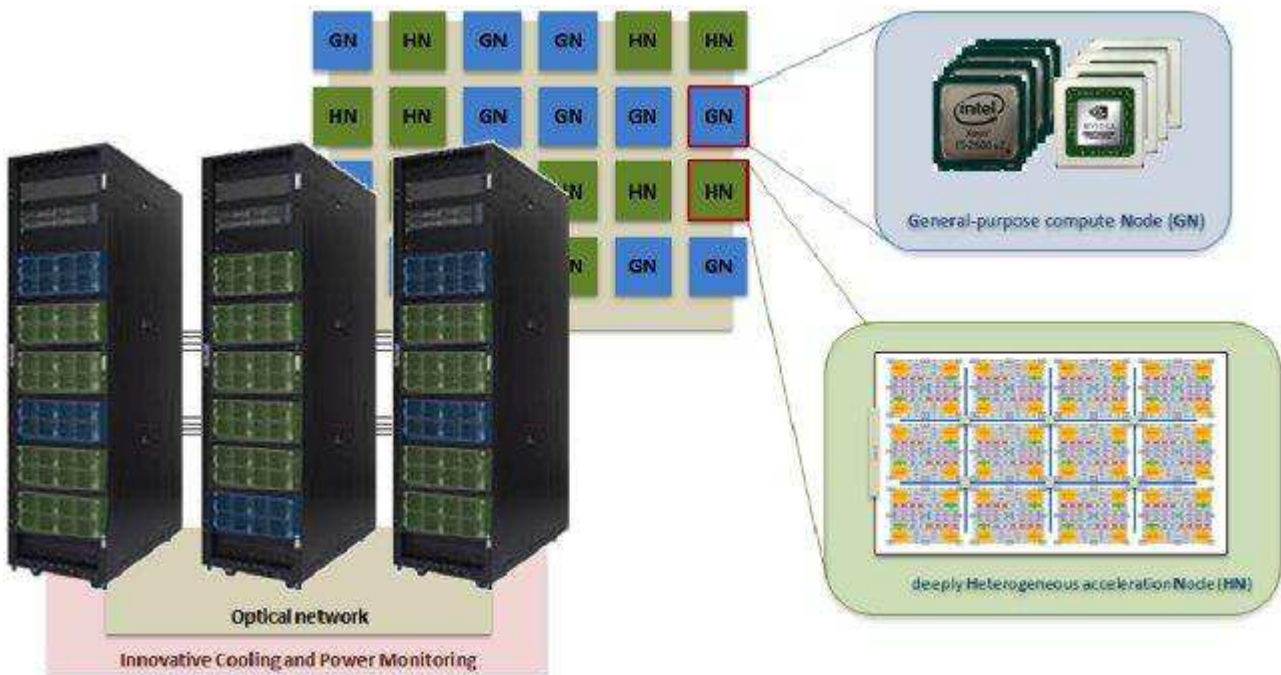densest NAND market for performance up to 5 times that of SATA SSD.

The Intel SSD DC D3700 and D3600 are the first SSD Intel Dual Port PCI Express * protocol using the NVMe (Non-Volatile Memory Express). This dual port provides redundancy and failover data in the most sensitive and offers increased performance up to 6 times compared to current dual port SAS solutions deployments.

♦ MANGO Stand 03

Contact: Prof. Mario Kovač, Dissemination and Exploitation Committee (DEC) Coordinator
Mail : mario.kovac@fer.hr

The essential objective of MANGO is to achieve extreme resource efficiency in future QoS-sensitive HPC through ambitious cross-boundary architecture exploration of the Performance/Power/Predictability (PPP) axis. To achieve such ambitious objectives, MANGO avoids conservative paths. Its disruptive approach challenges several basic assumptions, exploring new many-core architectures specifically targeted at HPC. The project involves many different and deeply interrelated mechanisms at various architectural levels: heterogeneous computing cores, memory architecture, interconnect, runtime resource management, power monitoring and cooling and programming models.

MANGO also explores holistic proactive thermal and power management aimed at energy optimization, creating a hitherto inexistent link between hardware and software effects and involving all layers modeling in HPC server, rack, and datacenter conception.

♦ MATHWORKS Stand 13

Press contact: Laurence Vachon
Tel : +33141148731 - Mail : laurence.vachon@mathworks.fr

Meet MathWorks experts and learn how engineers using MATLAB can benefit from an integrated development environment and from the power of compute clusters.
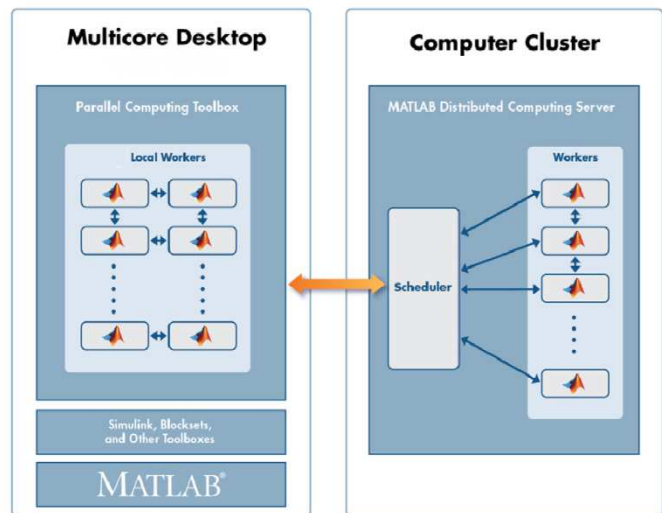
In 2016, MathWorks participates again in the Teratec Forum. This year, MathWorks takes part in the technical workshop **Algorithms and Tools for Big Data** (A3) composed of 5 presentations highlighting analytics models use in HPC environments.

Come to meet us:

1. directly on the **MathWorks booth** to see a demo of MATLAB for image processing on a compute cluster;

2. **Wednesday June 29 from 9am to 12.30pm (workshop A3)** to attend the technical workshop presentations.

Our experts will be happy to discuss your specific issues and to answer all your questions, specifically those related to parallel computing:

- which types of applications can be accelerated (Monte Carlo simulations, parametric variations, etc.) and how (multicore CPUs, GPUs, compute clusters);
- how to interface MATLAB Distributed Computing Server with third party schedulers such as SLURM or Torque.

♦ NAFEMS France Stand 20

Press contact: Didier LARGE
Tel: +33 (0)6 85 88 21 62 - Mail: didier.large@nafems.org
www.nafems.org

NAFEMS is a neutral global, independent, not-profit organization established in 1983 with a mission to provide industrial pragmatic assistance in the definition and effective implementation of numerical simulation technologies and associated methodologies. NAFEMS activities cover all simulation technologies, including analysis finite element, computational fluid mechanics and optimization in all industrial sectors. As and evolve areas of analysis and technologies, NAFEMS is investing to raise awareness, educate and stimulate their diffusion.

The residential training or e-learning, publications, seminars and events NAFEMS are renowned for their quality and professionalism and enjoy a recognized authority in national and global scientific and industrial communities.

The members of NAFEMS network now has tens of thousands of engineers and covers over 50 countries with 130 companies here in France, representatives of manufacturers, vendors and academic who join and participate in activities as well as 16 thematic groups.

The simulation is now part of a global collaborative design approach that requires new methods of governance in connection with the S-PDM. It is imperative to interact with the tools, data (Big Data), processes and people to facilitate optimization and evaluating uncertainties.

◆ NVDIA Stand 7

★ ★ ★ In preview: Since 1993, NVIDIA has pioneered the art and science of visual computing. The company's technologies are transforming a world of displays into a world of interactive discovery -- for everyone from gamers to scientists, and consumers to enterprise customers. NVIDIA's work in visual computing has led to thousands of patented inventions, breakthrough technologies and a globally recognized brand.

For two decades, we've pioneered this uniquely powerful medium, which has transformed the PC from a tool for productivity into one for creativity and discovery. At the core of our company is the GPU — the engine of modern visual computing — which we invented in 1999. The GPU has propelled computer graphics from a feature into an ever-expanding industry — encompassing video games, movie production, product design, medical diagnosis and scientific research, among many other categories.

GPUs are now driving new fields like computer vision, image processing, machine learning and augmented reality.

◆ PRO DESIGN ELECTRONIC Stand 03

Contact: Patrick Le Mélédo, EMS Sales Manager

Tel : + 33 (0)139170689 - Mobile : + 33 (0)680138955 - Patrick.lemeledo@prodesign-europe.com

The proFPGA system is a scalable high-performance multi-FPGA solution, which meets highest requirements in the areas of High Performance Computing (HPC) and FPGA-based Prototyping. The modular concept of the proFPGA system – using different motherboards, single tile FPGA modules, FPGA interconnects, interface and memory daughter cards – allows the user to basically create any type of hardware configuration which is reconfigurable and can therefore be adjusted to multiple applications.

The system is designed for a highest speed / maximum performance and it makes almost all I/Os of the FPGAs available to the user – either for interfaces or for interconnections between FPGAs. In addition proFPGA includes a high-performance communication system called DMBI which allows a data throughput of up to 3.2 Gbps between host PC and FPGA system. DMBI comes with a set of already pre-defined functions, like memory pre-load / read-back, data streaming or an AXI master interface.

♦ QUANTUM Stand 14

Press contact: Laurence Lepelley
Tél. +33 (0)1 41 43 48 63 Email : Laurence.Lepelley@Quantum.com

Quantum Enables HPC Workflows Across Disciplines
Scientific research today is benefiting from advances in high performance computing and the devices that measure and observe physical phenomena. Let's face it—big data benefits scientific research, big time.

Regardless of field—chemistry, genomics, bioinformatics, climate science, particle physics, geospatial analysis—scientific data can be processed, analyzed, and mined for insight more effectively than ever before. But to do this requires specialized storage infrastructure allowing:
- Managing Massive Growth - Enabling Collaboration - Creating Efficient Workflows - Keeping Data for Decades

Cracking the 'Omics Code with StorNext at SIB Swiss Institute of Bioinformatics

At the forefront of genomic and proteomic research, the SIB Swiss Institute of Bioinformatics generates 30TB of data per week. As 'omics and genomics in particular move toward the point of patient care, StorNext scale-out storage gives SIB a proactive strategy for harnessing genomics data for decades
Come visit our booth (65) on Teratec to discover how the SIB Swiss Institute of Bioinformatics unlocks Life's Code with Multi-Tier Storage for Genomics.

PRIMARY STORAGE

EXTENDED ONLINE STORAGE

TAPE ARCHIVES

Q-CLOUD ARCHIVE

STORNEXT 5 DATA MANAGEMENT

◆ ROGUE WAVE Stand 14

Press contact: Amanda Boughey
Tel: 1-303-545-3182 - Mail: amanda.boughey@roguewave.com

TotalView for HPC and CodeDynamics from Rogue Wave Software break down barriers to understanding what's going on with your high-scale parallel and multicore applications, no matter how many cores you are running. Purpose-built for applications using hundreds or thousands of cores, TotalView for HPC provides a set of tools that give scientific and academic developers unprecedented control over processes and thread execution, along with deep visibility into program states and data. CodeDynamics was recently released to satisfy those running fewer than 100 cores - giving you unparalleled visibility into running programs, unmatched control over thread states, and a unique conceptual view to aid analysis.

Rogue Wave is the largest independent provider of cross-platform software development tools and embedded components in the world. Through decades of solving the most complex problems across financial services, telecommunications, healthcare, government, academia, and other industries, Rogue Wave tools, libraries, and services enable developers to write better code, faster.

◆ SEAGATE Stand 57

Seagate, the #1 HPC storage choice for new supercomputers, helps organizations with their most extreme scale and data challenges. Through its unique architecture, ClusterStor™ delivers unmatched performance efficiency with the lowest cost of ownership.

Purposed-engineered from the drives, enclosures, embedded servers and management software only Seagate is uniquely positioned to help organizations solve their most challenging and/or complex data issues.

Seagate offers Lustre® and Spectrum Scale™ parallel file system as well as object-based active archive designed specifically for HPC. Seagate will highlight new product introductions expanding our leadership position. We will also address our growing number of global and European partnerships confirming that Seagate is the #1 HPC storage choice for new supercomputers.
Visit us at Ter@tec booth 57 or on the web at www.seagate.com/hpc

♦ SGI Stand 45
Press contact: José Rodrigues
33 1 34 88 80 73 - 33 6 84 50 17 33 - rodrigues@sgi.com - www.sgi.com

SGI is a global leader in high performance solutions for compute, data analytics and data management that enable customers to accelerate time to discovery, innovation, and profitability.
SGI Scale Out and Scale Up systems are designed for the most demanding technical and enterprise HPC workloads.
SGI solutions help solve the world's toughest computing challenges, while delivering industry-leading speed, scale and efficiency with broad flexibility.
At Terratec 2016, SGI is showcasing:

• **SGI® ICE™ XA**, a sixth generation of the world's most powerful distributed-memory supercomputer, enabling breakthroughs in science, engineering, and government.

• **SGI® UV™** advanced symmetric multiprocessing (SMP) systems which accelerate the pace of innovation and eliminate complexity. With 20 years of in-memory computing expertise and utilizing SGI NUMAlink® interconnect technology, these Linux-based servers deliver cache coherent in-memory computing to address the most compute and data-intensive workloads.

♦ SOGETI HIGH TECH Stand 64
Press contact: Mélanie Daubrosse
Tel: 06 61 88 34 10 - Mail: melanie.daubrosse@sogeti.com

Sogeti High Tech offers its experience and expertise in Engineering and Digital Manufacturing to aeronautics, space, defense, energy and transport sectors. It enables its customers with industrial performance improvement and digital transformation support of their production environments.

Sogeti High Tech's simulation offer is part of a High Performance Calculation environment:

- **Virtual Testing** reduces the number of actual tests in favor of simulated tests to optimize design costs and speed up development cycles by anticipating the validation phase ;
- **HPC** components for scientific software guarantee the best use of hardware resources with the simulation calculating codes while ensuring applications sustainability and scalability.

Known as the integrator of information systems dedicated to simulation, Sogeti High Tech gives a particular attention to the middleware (job scheduler, virtual offices, workflow management,...) that are key components amongst the **HPC** ecosystem.

Sogeti High Tech has embedded R & D programs in order to anticipate technological change and their uses in the industrial environment. Therefore, Sogeti High Tech developed **Big Data** solutions strongly oriented towards IoT, that offer a global, secure and mobile approach, from the sensor to the platform of data valuation and exploitation.

♦ TRANSTEC France   Stand 12

Press contact: Vincent Pfleger
Tel: 03 88 55 16 00 - Mail: transtec.fr@transtec.fr

For over 30 years, transtec's goal is to offer the most cost effective and appropriate solution. With a strong expertise in several areas, such as manufacturing, service as well as HPC, we strive to provide the most efficient solutions for each project. We also offer our own range of maintenance services.

Due to its long experience, transtec acquired the ability to design well thought out and fully optimized solutions on different project sizes. Witness the famous organizations like CERN, CEA, the Fraunhofer institutes and the Max Planck but also companies such as Airbus and Thales Underwater systems listed among our customers.

Our HPC team will be present at the show, the stands 11 and 12 to present you:
• The distributed high-performance storage with Beegfs
• Demonstration of Bright Cluster Manager, Mathworks HPC & Big Data tools and cluster solutions as a service.
• Further elaboration of solutions and products from the transtec catalog
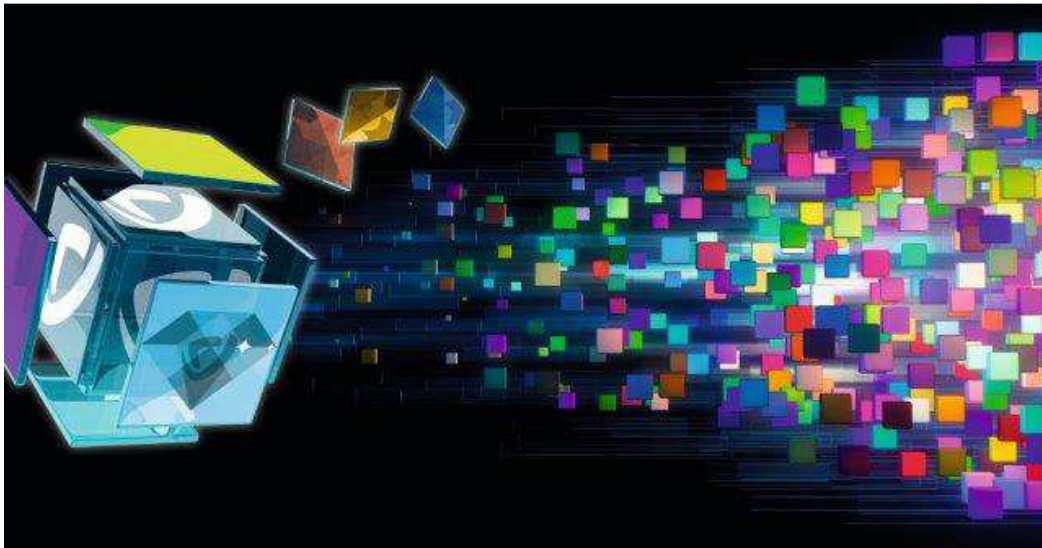
♦ **VISIATIV** Stand 48

Contact Presse : Lydia Jouval
Tel: 04 78 87 30 89 - Mail: ljouval@ visiativ.com

Developer and integrator of innovative software solutions, Visiativ helps boost companies' digital transformation thanks to its collaborative and socially-oriented business platform.

Visiativ has been integrating Dassault Systems solutions (CAD, PLM, SOLIDWORKS, CATIA, 3DExperience platform) for 19 years.

Serving midmarket companies since it was founded in 1987, the Visiativ Group posted annual revenue of 83 M€ in 2015. It has a diversified client portfolio composed of more than 13,000 clients. With nearly 500 employees, Visiativ addresses all French sectors of activity and is present in Switzerland and Morocco. Visiativ (ALVIV) is listed on Alternext Paris.

Visitors at the Teratec Forum will also find:

- **Plenary sessions** on Tuesday June 28, devoted to the technological challenges and diversity of uses of simulation and Big Data.
- **The exhibition,** 28 and 29 June, a trade fair of almost 80 stands, bringing together the key players in simulation and HPC.
- **The Digital Simulation Awards:** Six Digital Simulation Awards will be given in recognition of outstanding accomplishments in digital simulation, HPC, and big data analytics.
- **European Research Café**: An all new area dedicated to European research projects and initiatives in the fields of digital simulation, HPC, and Big Data. INRIA is a partner of the European Research Café (*Café Européen de la Recherche*).
- **Collaborative Project Area:** Bringing together twenty collaborative research projects approved by the Competitiveness Clusters ADVANCITY, ASTECH, CAP DIGITAL, SYSTEMATIC, and VEGEPOLYS.
- **SiMSEO will be at the TERATEC Forum to present the use of simulation in enterprises ranging from the very small (VSE) to small and medium (SME) and mid-sized businesses.** Throughout the two days of the **Forum,** educational sessions for VSEs, SMEs, and mid-sized business will be held, aimed at helping decision-makers identify the opportunities that simulation offers and weigh the industrial stakes.

REGISTER NOW: Workshop registration

Forum Teratec

Tuesday 28 & Wednesday 29 June 2016 - Ecole Polytechnique, Palaiseau

Complete information online at: Teratec Forum

Press Contact: Colette REY
Tel: +33 (0)9 51 70 20 57
Mob: +33 (0)6 14 73 97 43
Email: colette.rey@c-reycom.com

TERATEC Contact: Jean-Pascal JEGU
Tel: +33 (0)9 70 65 02 10
Mob: + 33 (0)6 11 44 49 59
Email: jean-pascal.jegu@teratec.fr