VIRTUAL MEDICAL WORLDS

VMW

Monthly

Monthly telemedicine digest
for high-performance computing
and health care

VMW is partnering with
**Euromed
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Virtual Medical Worlds Magazine - Calendar

VMW Calendar provides an overview of the telemedicine and high-performance computing related events. Please, use the Submit Panel when you want to have your conference, symposium or workshop listed.

March 30-31, 2017
Big Data Innovation Summit, London, United Kingdom

Hear from over 25 thought leaders working on Big Data initiatives.

Conference web site

March 30-31, 2017
Project Management Professional Certification Training, Amsterdam, The Netherlands

A 2-days classroom workshop is conducted that includes a mixture of instructor led and self-guided learning, designed according to the PMBoK Guide Fifth edition version by the PMI-USA. Every section consists of definitions, illustrations, exercises, memory joggers and case studies to encourage the learning and utilization of the content. Ensuing to the presentation and sample application according to the necessities of every Chapter, a quiz is conducted on the topic covered. There will be a mock test after the training that includes 200 handpicked questions to test the understanding of the participants.

Conference web site

April 1-4, 2017
Endocrine Society's 99th Annual Meeting & Expo - ENDO 2017, Orlando, Florida, USA

ENDO 2017 is the world's premier event for presenting and obtaining the latest in endocrine science and medicine. With an extensive programme covering a broad array of topics, various networking opportunities, poster sessions, continuing medical information, updates on new products and technologies at the ENDO Expo, keynote speakers, and more, attendance at ENDO is a "must-attend" event. Come join 7500 of your colleagues for an educational experience that will enhance your professional development, improve your work, build your reputation, and shape the future of the field.

Conference web site

April 3, 2017
14th Annual 2017 HPC for Wall Street - Cloud and Data

Centres Show and Conference, New York, New York, USA

Wall Street IT are increasing their budgets in 2017 for Cloud, Big Data, Data Centres, Network systems, Machine Learning, Virtualization, Software to speed applications, HPC, Linux, among other FinTech solutions. The FinTech marketplace will assemble at HPC's convenient and affordable one-day show and conference.

Conference web site

April 3, 2017
Launching the Helix Nebula Science Cloud Prototype Phase - Webcast, Online

The Helix Nebula Science Cloud organises a webcast event "Launching the Helix Nebula Science Cloud Prototype Phase". The winners of the bids to build the HNSciCloud prototypes will be announced at CERN during the "Launching the Helix Nebula Science Cloud Prototype Phase" webcast event. The award ceremony and the presentations of the solutions moving into the prototyping phase will be the focus of the webcast.

Conference web site

April 3-6, 2017
Open Networking Summit, Santa Clara, California, USA

Open Networking Summit brings together business and technical leaders across enterprise, Cloud and service providers to share learnings, highlight innovation and discuss the future of open networking and orchestration. Executives, architects, developers and operators will gather to:

- Hear from industry visionaries and leaders on the future of Networking beyond SDN/NFV
- Attend deep technical tracks on topics that are here today, tomorrow and on the horizon
- Learn from the use cases of your peers as consumption of Open Source Networking is the "new norm" and mandated by most Enterprise CIOs, Carrier CTOs and Cloud Executives

ONS 2017 is the best forum for companies to strengthen their brand, establish thought leadership, connect with both end customers and partners, showcase innovative products and drive the transformation in the emerging open source networking industry.

Conference web site

April 5, 2017
First French-Japanese-German Workshop on Programming and Computing for Exascale and beyond, Tokyo, Japan

Following the "Extreme Performance Computional Science" workshop held in April 2015 in Tokyo, the French "Maison de la Simulation", RIKEN, and the Embassy of France in Japan are organizing this French-Japanese-German workshop, in order gather the Computer Science community and the users of simulation and massive data analysis. The current state of French-Japanese-German collaboration in the field will be

presented, especially from the perspective of the SPPEXA programme, which is funded by national agencies across the three countries (DFG, ANR and JST). This event will also be an opportunity to envision together new leads that could harbour new collaborations.

Conference web site

April 5, 2017
Addressing the Gender Gap in the UK HPC Community, Leeds, United Kingdom

This Women in HPC event will discuss the real effects of these three topics on the workplace, providing the audience with an introduction to each theme, how they may affect you and how they impact employers, employees, advisors, managers or your peers.

This event will encourage audience participation with the use of audience focused discussions based on case studies. This session aims generate lively discussion, generate new and novel approaches to solving some of the challenges we face and we encourage the audience to discuss challenges they have faced both as hirers/managers and as women working with HPC across all research disciplines.

The session welcomes participation from everyone that is interested in discussing improving diversity in the HPC community across all discipline.

Conference web site

April 5-7, 2017
9th Research Data Alliance Plenary Meeting, Barcelona, Spain

The Research Data Alliance is a unique community-driven organisation that offers a neutral space where its engaged, growing members, now more than 4300 spanning over 110 countries, discuss and develop "data bridges" to enable the open data sharing across technologies, disciplines, and countries to address the grand challenges of society. These "data bridges" or "building blocks" of common global data infrastructures are the results of the work done by the RDA Working and Interest groups, formed of researchers, data practitioners and experts representing different domains and organisations from around the world.

Conference web site

April 5-7, 2017
13th Zsigmondy colloquium of the German Colloid Society, Saarbrücken, Germany

Interactions between colloidal particles and macromolecules occur in material processing, pharmacy, nanoparticle synthesis, and many other fields. This Zsigmondy colloquium will cover the entire colloidal science and put a focus on particle-polymer combinations. It aims at younger researchers at the pre- and post-doc levels. The goal is to foster communication between young scientists, senior colleagues, and participants from industry and small enterprises.

Topics include:

- Colloidal dispersions, polymer solutions, and their mixtures
- Particle-protein interactions
- Functional particle-polymer hybrids
- All topics of colloidal science

Conference web site

April 7, 2017
Data Infrastructure Assessment, Barcelona, Spain

Following the recent publication of the e-IRG document "Evaluation of e-Infrastructures and the development of related Key Performance Indicators", also known as the KPI document, the support project of the e-Infrastructure Reflection Group (e-IRG) is organising a Birds-of-a-Feather (BOF) session at the Research Data Alliance (RDA) 9th Plenary Meeting.

Storage, preservation and curation, computing and transport of data are of utmost importance for today's scientific undertakings. This is the case for Big Data but also for the long tail of science. In order to provide the most appropriate data infrastructure, an evaluation of the existing components is necessary for the benefit of the data producers, owners and users. The assessment should be conducted under the assumption that user satisfaction is one of the key aspects for the operational and innovative aspects of data infrastructures. This aspect follows the concept of the e-Infrastructure Commons, where the user community is an integral part that is strongly engaged in the governance of the resources.

Existing and new Key Performance Indicators (KPIs) can provide the means to evaluate and assess qualitatively and quantitatively the data infrastructure, which is composed of various components and services from the underlying e-Infrastructures for research. The e-Infrastructure Reflection Group (e-IRG) has proposed a framework document that is foreseen to be used by EU-funded projects to develop an interface to provide indicator values for the evaluation and assessment of e-Infrastructures.

The session is organised by the e-IRG support project e-IRGSP5 and intended to present the KPI document and to discuss its approach with various stakeholders. The targeted audience are data practitioners and also data policy experienced RDA members.

Conference web site

April 10-12, 2017
HPC Advisory Council's Swiss Conference 2017, Lugano, Switzerland

Gather to mingle with colleagues, network with fellow experts and make new acquaintances at the annual Swiss Conference. Gain insights from leading luminaries driving futures and hear from more leaders in their fields of expertise from across disciplines and time-zones. Get more hands-on this year with new Open Stack, Deep Learning tutorials and a Machine Learning Bootcamp.

The three day conference is hosted by conference co-chair Hussein Harake and the Centro Svizzero di Calcolo Scientifico (CSCS) in collaboration with the HPC Advisory Council, members and early sponsors of this year's conference - Atos, Lenovo, NVIDIA, Mellanox and DDN.

April's agenda will feature more than twenty sessions centering on High Performance Computing (HPC) with topics ranging from Accelerators, Containers, OpenPOWER and Spack along with extensive best practices and opportunities to explore new ideas, breakthroughs and approaches, resolve challenges, celebrate achievements and much more.

Conference web site

April 10-13, 2017
PRACE Spring School 2017 - HPC for Life Sciences, Stockholm, Sweden

The mission of the 2017 PRACE Spring School is to give a comprehensive introduction to several of the widely used life science software that is available on the PRACE HPC systems, as well as discussing the scalability of the software and performance issues, and teaching best practices on HPC systems that have been observed during PRACE research activities.

Extensive hands-on sessions will cover more than half of time during the school. The computer laboratories at KTH that will be used during the course have been updated with all the necessary software and are connected to the PRACE Tier-1 system Beskow, which is situated at the PDC Center for High-Performance Computing at KTH. Beskow is the largest Tier-1 system within the Nordic countries.

Conference web site

April 11-12, 2017
ITCfest 2017, Meydan, Dubai

ITCfest 2017 is aiming to be the widest and most varied festival dedicated to the internet, innovation and technology, different from others by the theme adopted, festival's agenda and target set. An event designed to celebrate outstanding and extraordinary innovators in a collection of key players, outstanding leaders, inspiring high net worth individuals and entrepreneurs ranging with amazing stories and development insights in the context of the new era in internet and related technology solutions of the future.

Conference web site

April 11-13, 2017
HCM World and Modern Finance Experience 2017, Boston, Massachusetts, USA

HCM World and Modern Finance Experience will bring together leading visionaries and business professionals to share real-world examples and strategies for modernizing business with technology to fuel digital growth strategies, engage and retain top talent, and maximize organisational efficiency and effectiveness.

Conference web site

April 13, 2017
Ohio Supercomputer Center Workshops, Cincinnati, Ohio, USA

IT at the University of Cincinnati Research & Development will be hosting the Ohio Supercomputer Center for two workshops. The morning workshop will provide an introduction to the Ohio Supercomputer Center resources and how to use them. In the afternoon, the workshop will cover Big Data Analytics and Spark.

Morning topics will include:

- High performance computing concepts
- New account basics
- Introduction to new web portal OnDemand

The afternoon workshop will begin with a presentation on introduction to Big Data. Data analytics capabilities at the Ohio Supercomputer Center (OSC) will be discussed. The workshop focuses on running Hadoop and Spark jobs using OSC resources. Attendees will have an opportunity to try and experience running these software at OSC clusters.

Afternoon topics will include:

- Introduction to Big Data and Spark
- Spark: RDDs and basic operations
- Running Spark interactively/non-interactively at OSC

Conference web site

April 18, 2017
Oracle Code Event, Toronto, Canada

Oracle Code is a series of one-day developer conferences being held in 20 cities worldwide, focusing on building modern web, mobile, enterprise, and Cloud-native applications.

Conference web site

April 19-20, 2017
Internet of Things Summit, San Francisco, California, USA

Estimates put the number of devices in the Internet of Things at 30 billion by 2020. Attend to learn about new technologies, develop skills and explore new tools in gathering and leveraging data for IoT. Industries are now realizing the opportunities and capitalizing on the growth of IoT.

Conference web site

April 19-20, 2017
Data Visualisation Summit, San Francisco, California, USA

The Data Visualisation Summit 2017 is a two-day, single-track event focused exclusively contextualised to explore visualisation tools and tips. Bringing together over 150+ data enthusiasts who will help you rethink your data imagery to enable easier to interpret, management and action. Join the leaders making informed data-driven decisions.

Conference web site

April 20, 2017
Oracle Code Event, London, United Kingdom

Oracle Code is a series of one-day developer conferences being held in 20 cities worldwide, focusing on building modern web, mobile, enterprise, and Cloud-native applications.

Conference web site

April 22-26, 2017
American Society for Biochemistry and Molecular Biology's Annual Meeting, Chicago, Illinois, USA

General fields of study include anatomy, biochemistry and molecular biology, investigative pathology, nutrition, pharmacology, and physiology. The meeting is open to all members of the sponsoring and guest societies and non-members with interest in research and life sciences. The majority of scientists represent university and academic institutions as well as government agencies, non-profit organizations and private corporations.

Conference web site

April 23-25, 2017
American Telemedicine Association 2017 Telehealth 2.0 Conference, Orlando, Florida, USA

Telehealth 2.0 is the world's largest telehealth innovation & networking event, focused on how telehealth is transforming health care and creating competitive and cost advantages for those leveraging best practices. The event provides a hands-on perspective to showcase the role telehealth plays in advancing medicine, health care and wellness. At the intersection of advancement and technological innovation, Telehealth 2.0 allows health care professionals and industry leaders to learn, network, and exchange ideas.

You'll hear from leading health care providers, hospitals, physicians, associations, regulators, fast-growing startups, technology companies and industry thought leaders exploring where and how telehealth is being best leveraged to transform and to re-invent health care.

Conference web site

April 24, 2017
Oracle Code Event, Frankfurt, Germany

Oracle Code is a series of one-day developer conferences being held in 20 cities worldwide, focusing on building modern web, mobile, enterprise, and Cloud-native applications.

Conference web site

April 24-25, 2017
Delivery of Things World 2017, Berlin, Germany

Over 350 IT executives discuss and shape what DevOps really means for your business. What impact does it have and how

can you implement it to reap the benefits? Delivery of Things World brings together all stakeholders active in the DevOps scene to share their experience and expertise with you. Join the experts at Delivery of Things World 2017 to gain a deeper business and technical understanding of DevOps.

Conference web site

April 25-27, 2017
Modern Customer Experience 2017, Las Vegas, Nevada, USA

Modern Customer Experience 2017 helps business leaders from across marketing, sales and customer service successfully manage these changes and leverage new digital technologies to lead successful business transformation within their organisations. To personalize the experience for attendees, Modern Customer Experience 2017 includes dedicated marketing, sales, service and commerce sessions that feature inspiring business transformation stories, hands-on workshops, small breakout sessions, product demonstrations and networking opportunities.

Conference web site

April 26-27, 2017
BioDataWorld West, San Francisco, California, USA

BioData World West 2017 is bringing scientific innovation to the forefront with tracks on Genomics, Precision Medicine, and Artificial Intelligence. Over 200 participants will gather in the beating heart of innovative technology to discuss disruptive approaches being used to drive drug development, personalized medicine, and inevitably, the clinic. This unique conference gathers clinicians, bioinformaticians, pharmaceutical companies, start-ups and government policy advisors under one roof.

Conference web site

April 28, 2017
Oracle Code Event, Prague, Czech Republic

Oracle Code is a series of one-day developer conferences being held in 20 cities worldwide, focusing on building modern web, mobile, enterprise, and Cloud-native applications.

Conference web site

May 2-4, 2017
Red Had Summit 2017, Boston, Massachusetts, USA

Red Hat Summit is the premier open source technology event to showcase the latest innovative IT solutions that power the enterprise. As Red Hat Summit moves into its 13th year, open source has become more mainstream. Open source is an innovation engine for the technology industry and a backbone of digital transformation efforts resulting in modern hybrid Cloud infrastructure and cloud-native applications. Open source methodologies are changing how work gets done and inspiring new forms of collaboration. Red Hat Summit has become a top industry event focused on these advancements,

with customers, partners, and open source industry leaders from around the world coming together for a high-energy week of innovation, education, and collaboration.

Conference web site

May 2-5, 2017
HTCondor Week 2017, Madison, Wisconsin, USA

The HTCondor Week is an annual event that gives collaborators and users of HTCondor the chance to exchange ideas and experiences, to learn about the latest research, to experience live demos, and to influence our short and long term research and development directions. HTCondor is a high throughput computing middleware for pleasantly parallel HPC jobs.

Conference web site

May 5, 2017
LEARN Project's Final Conference, London, United Kingdom

The use and sharing of research data has the potential fundamentally to change the way research is undertaken and shared. Pervasive networks mean that researchers are able to collaborate and share not only their publications, but also the research data, which underpins them. The LEARN Conference is designed to encourage all stakeholders - researchers, research funders, publishers, research organisations and senior decision makers - to explore what their roles and responsibilities are in this fast-changing environment.

The EU-funded LEARN Project has produced a model Research Data Management policy, along with guidance, for implementation at institutional level. An Executive Briefing, aimed at senior decision makers in six languages, gives clear signals on how research organisations can deal with the data deluge. A self-assessment survey allows institutions to measure their level of preparation for research data management activity. Finally, a Toolkit of 23 Best Practice Case Studies illustrates issues in the areas of policy and leadership; advocacy; subject-based approaches; open data; research data infrastructure; costs; roles, responsibilities and skills; tool development.

The conference will be split into two sessions. The morning session will be devoted to formal presentations, whilst the afternoon slot will have breakout groups which will examine the outputs of the LEARN Project and how they can be taken up by stakeholders. If you want to understand what your role is in the research data landscape, this is a conference not to be missed.

Conference web site

May 5-8, 2017
European Lung Cancer Conference, Geneva, Switzerland

The European Lung Cancer Conference is organised by top academic experts in lung cancer and thoracic malignancies. ELCC 2017 is a collaborative effort between the most important multi-disciplinary societies representing thoracic

oncology specialists, all working towards a shared goal: to advance science, disseminate education and improve the practice of lung cancer specialists worldwide.

The conference is relevant for medical oncologists, radiation oncologists, thoracic surgeons, respiratory physicians, and other medical professionals involved in the diagnosis, treatment and follow-up of patients with lung cancer.

Main themes for 2017 include:

- New IASLC Staging
- ESMO recommendations for thoracic malignancies
- Immunotherapy: first-line treatment, biomarkers and combination approaches
- New steps in the treatment of molecularly defined NSCLC
- SCLC and mesothelioma
- Management and diagnosis of persistence in molecularly defined NSCLC
- Management of brain metastases

Conference web site

May 8-11, 2017
GPU Technology Conference, San Jose, California, USA

GTC is the largest and most important event of the year for GPU developers. GTC and the global GTC event series offer valuable training and a showcase of the most vital work in the computing industry today - including artificial intelligence and deep learning, health care, virtual reality, accelerated analytics, and self-driving cars.

Conference web site

May 8-12, 2017
15th International Icing Course 2017, Montréal, Canada

This international course illustrates the state-of-the-art of CFD applications in icing simulations and links theory to application. It is structured to be of equal interest to aerodynamicists, icing, environmental systems and flight simulation engineers, regulators and Designated Engineering Representatives.

Conference web site

May 9-12, 2017
EGI Conference 2017, Catania, Italy

The EGI Conference 2017 will be the EGI Community's main event of 2017 and will be the last meeting organised in the context of the EGI-Engage project. The programme will focus on the technical roadmap of EGI, with days dedicated to authorisation and authentication, compute services both HTC and Cloud, as well as storage and data services. Sessions on e-infrastructure governance, procurement and business models will also be included in the programme.

Conference web site

May 9-12, 2017
INDIGO Summit 2017, Catania, Italy

The INDIGO Summit 2017 will be the flagship event of the INDIGO-DataCloud project, with a focus on user engagement and the INDIGO service catalogue. This event will be centred on exploring the solutions provided by the INDIGO software, applying them to concrete use cases brought forward by scientific communities and resource providers. Demos, training and hands-on implementation sessions will also be included in the programme.

Conference web site

May 10, 2017
Oracle Code Event, New Delhi, India

Oracle Code is a series of one-day developer conferences being held in 20 cities worldwide, focusing on building modern web, mobile, enterprise, and Cloud-native applications.

Conference web site

May 10-12, 2017
eHealth Week 2017, St. George's Bay, Saint Julian's, Malta

The overarching theme of eHealth Week 2017 is "Data for Health": the key to personalised sustainable care. Data lies at the heart of service delivery and the development of effective health policy. During eHealth Week, speakers and delegates will explore the changing ways in which personal health data is created, stored, shared and used. Advances in bioinformatics support a paradigm shift towards tailor-made prevention and treatment strategies both for individuals and population groups. Opportunities are growing for ICT to support patient-centred health services and the involvement of patients in their own care, including access to personal health data, sharing of data, and mHealth applications.

Conference web site

May 14-17, 2017
17th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing - CCGrid 2017, Madrid, Spain

CCGrid is a successful series of conferences that serves as the major international forum for presenting and sharing recent research results and technological developments in the fields of Cluster, Cloud and Grid computing. The CCGrid symposium, which is sponsored by the IEEE Computer Society Technical Committee on Scalable Computing (TCSC) and the ACM, reaches out to both researchers and practitioners, and to both academia and industry. The conference features keynotes, technical presentations, posters, workshops, tutorials, as well as the SCALE challenge featuring live demonstrations.

CCGrid 2017 will have a focus on important and immediate issues that are significantly influencing all aspects of cluster and cloud computing. Topics of interest include, but are not limited to:

- Applications and Big Data
- Architecture and Networking

- Data Centers and CyberInfrastructure
- Programming Models and Runtime Systems
- Performance Modelling and Evaluation
- Scheduling and Resource Management
- Mobile and Hybrid Clouds
- Storage and I/O
- Security, Privacy and Reliability

Conference web site

May 14-17, 2017
Workshop on Clusters, Clouds and Grids for Life Sciences, Madrid, Spain

Today, biomedicine and bioinformatics rely heavily on large scale computational resources, as they typically employ data- and compute-intensive methods. Omics, biomedical imaging and computational models quickly reach data volumes of terabytes and petabytes, data analysis may need teraflops or petaflops of computing power. New challenges arise from complex analysis of distributed heterogeneous data, for example in translational medicine.

Distributed IT-systems such as Grids, Clouds and recently Big Data environments are used for to speed-up large experiments and development time for new algorithms. Distributed systems also allow for better availability of new computational methods for supporting large-scale multi-centric collaborations. However, specific challenges in the employment of such systems for biomedical applications, such as security, reliability and user-friendliness, often impede wide-range adoption of prototype solutions.

This workshop aims at bringing together developers of bioinformatics and biomedical applications and researchers in the field of distributed IT systems. The goals of the workshop are to exchange and discuss existing solutions and latest developments in both fields, in particular for identified gaps and roadblocks. The workshop further intends to collaboratively explore new approaches to successfully apply distributed IT-systems in translational research, clinical intervention, and decision-making.

Contributions are expected but not restricted to the following topics:

- Detailed application use-cases highlighting achievements and roadblocks
- Exploitation of distributed IT resources for Life Sciences, health care and research applications, for example medical imaging, disease modelling, bioinformatics, public health informatics, drug discovery, clinical trials
- Service and/or algorithm design and implementation applicable to medical and bioinformatics applications
- Improved energy consumption of bioinformatics applications using Clouds
- Modelling and simulation of complex biological processes
- Genomics and Molecular Structure evolution
- Molecular Dynamics
- Ontologies and biomedical text mining
- Biomedical data mining and visualization
- Error handling and fault tolerance

- Distributed and heterogeneous bioinformatics and medical data management
- Big Medical and Omics Data applications and solutions
- Data privacy, security and access control
- Environments for distributed bioinformatics applications
- Programming paradigms and tools for bioinformatics applications
- Scientific gateways and user environments targeting distributed medical and bioinformatics applications
- Dedicated distributed infrastructures and HPC systems
- Interoperability for exchanging data, algorithms and analysis pipelines
- Success stories and show stoppers

Conference web site

May 15-17, 2017

29th International Conference on Parallel Computational Fluid Dynamics - ParCFD 2017, Glasgow, Scotland, United Kingdom

Parallel CFD is an annual international conference devoted to the discussion of recent developments in parallel computing and its applications to the field of CFD and related disciplines.

Conference web site

May 15-17, 2017

Big Data Analytics Workshop - BigDAW17, Siena, Italy

Managing and processing large volumes of data, or "Big Data", and gaining meaningful insights is a significant challenge facing the distributed computing community. As a consequence, many business are demanding large-scale streaming data analytics. This has a significant impact on a wide range of domains, including health care, bio-medical research, Internet searches, finance and business informatics, and scientific computing.

Despite considerable progress in high performance, storage capacity, and computation power, challenges remain in identifying, clustering, classifying, and interpreting a large spectrum of information. The purpose of this workshop is to provide a fertile ground for collaboration among research institutions and industries in the fields of analytics, machine learning, and high-performance computing.

Topics of interest include:

- High-performance data analytics
- Machine and deep learning
- Data search and representation
- Architecture and system design
- Cloud-based Big Data solutions
- Software infrastructures

Conference web site

May 15-19, 2017

European HPC Summit Week 2017, Barcelona, Spain

The actual programme of the week contains workshops from various HPC initiatives in Europe in order to find synergies

among all parties of the HPC ecosystem. The week will start with the EXDCI workshop on May 15. On May 16-18, the week will continue with PRACEdays17. On May 18, the ETP4HPC and EUDAT workshops will take place. The week will finish with scientific workshops of FETHPC project and Centers of Excellence.

Conference web site

May 16-17, 2017
BIGIT GOV 2017, Kuala Lumpur, Malaysia

BIGIT GOV 2017 is a knowledge platform for ICT leaders and experts from the government to address critical issues, revolving the utilisation of emerging technologies and its trends towards harnessing ICT within the public sector. Unique by its brand, BIGIT GOV 2017 centers its fundamental on potential measures and approaches to prepare for future challenges in becoming an advanced nation. This event also offers government professionals valuable insights and showcases solutions in embracing digital services and transforming the lives of citizens and the nation, through exchanging technical knowledge and experience, growing new business opportunities, and fostering innovation and collaboration.

Featuring a two-day conference and exhibition, BIGIT GOV 2017 brings more than 20 prominent speakers in sharing ideas on the use of digital technology to improve the way business is done and to be part of the new revolution of digital transformation.

Conference web site

May 16-18, 2017
PRACEdays 2017, Barcelona, Spain

PRACE will organise the fourth edition of its Scientific and Industrial Conference - PRACEdays17 - under the motto "HPC for Innovation: when Science meets Industry". The conference will bring together experts from academia and industry who will present their advancements in HPC-supported science and engineering.

Conference web site

May 16-18, 2017
Apache Big Data North America, Miami, Florida, USA

Apache: Big Data North America gathers together the Apache projects, people and technologies working in Big Data, ubiquitous computing and data engineering and science to educate, collaborate and connect in a completely project-neutral environment. It is the only event that brings together the full suite of Big Data open source projects.

Dozens of leading Big Data solutions are developed under the auspices of The Apache Software Foundation (ASF). The ASF and The Linux Foundation have joined forces to produce Apache: Big Data North America to bring the power of these projects together under one roof where project code committers and developers can collaborate with users to accelerate adoption and the state of the art.

From Hadoop and Spark to Kafka and Bigtop, countless Apache projects are the foundation of today's Big Data platforms and are the foundation for the greater ecosystem. Apache: Big Data covers the issues, technologies, techniques and best practices that are shaping the data ecosystem across a wide range of industries including finance, business, manufacturing, government, academia, media, energy, and retail.

Conference web site

May 17-18, 2017
Trading Show Chicago, Chicago, Illinois, USA

For the 10th year, Trading Show Chicago will return to bring together 1000+ attendees representing the foremost trading firms, banks, exchanges and quant funds. The team has added a Blockchain segment to Trading Show's already well-established Automated Trading, HPC, Quant World, Big Data in Finance and Exchange Technology brands.

Conference web site

May 18, 2017
Oracle Code Event, Tokyo, Japan

Oracle Code is a series of one-day developer conferences being held in 20 cities worldwide, focusing on building modern web, mobile, enterprise, and Cloud-native applications.

Conference web site

May 18, 2017
Coupling HPC and Data Resources and services together - EUDAT workshop, Barcelona, Spain

EUDAT and PRACE are joining forces to help research communities gain access to high quality managed e-Infrastructures whose resources can be connected together to enable cross-utilization use cases and make them accessible without any technical barrier. The capability to couple data and compute resources together is considered one of the key factors to accelerate scientific innovation and advance research frontiers. The goal of this session is to present the EUDAT services, the results of the collaboration activity achieved so far and delivers a hands-on on how to write a Data Management Plan or DMP. The DMP is a useful instrument for researchers to reflect on and communicate about the way they will deal with their data. It prompts them to think about how they will generate, analyse and share data during their research project and afterwards.

Conference web site

May 22, 2017
Oracle Code Event, Moscow, Russia

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Conference web site

May 22-25, 2017
PBS Works User Group, Las Vegas, Nevada, USA

This four-day event, including 2 days of user presentations, round table discussions and surrounded by hands-on workshops, promises to be another success for current and prospective PBS Works users and partners. Once again, Altair will bring together HPC thought leaders, expert users, PBS engineers and Altair executives to explore and discuss the unique challenges facing HPC users today with real world applications that will resonate with all attendees.

You can:

- Hear from and interact with the industry's top experts in HPC
- Gain access to technical specialists, developers and support experts
- Network and exchange best practices with other PBS Works customers and partners
- Discuss upcoming industry trends and solutions
- Learn first-hand about Altair's product strategy and how that will benefit you

Conference web site

May 24-26, 2017
Data Platforms 2017, Phoenix, Arizona, USA

Data Platforms 2017 brings together an exclusive group of practitioners, partners and luminaries to empower you to build a self-service data driven enterprise. Join the first industry conference dedicated to helping data teams design, build and optimize their Big Data platform. This is a must-attend event for data engineers, dataops professionals and anyone responsible for the success of Big Data projects. Learn from the pioneers who built the Big Data platforms at Facebook, LinkedIn, Twitter, eBay and others, and collaborate and share best practices with peers in a series of workshops, keynote sessions, and meet-ups. And, get hands-on technical training.

Conference web site

May 29 - June 1, 2017
Nordic e-Infrastructure Conference 2017 - NeIC17, UmeŒ, Sweden

Building on the enthusiasm from the first two Nordic e-Infrastructure Conferences in 2013 and 2015, the next NeIC Conference will be hosted by NeIC and the Swedish National Infrastructure for Computing (SNIC).

Conference web site

May 29 - June 2, 2017
TERENA Networking Conference 2017 - TNC17, Linz, Austria

The TNC17 Networking Conference is the largest and most prestigious European research networking conference, with more than 650 participants attending this annual event. TNC brings together decision makers, managers, networking and

collaboration specialists, and identity and access management experts from all major European networking and research organisations, universities, worldwide sister institutions, as well as industry representatives.

Through keynotes speeches by renowned specialists, varying parallel sessions, demonstrations and presentations, the Conference presents participants with a unique overview of the latest developments in research networking, both in the technical field and in the area of application and management. Theme of the conference is "The Art of Creative Networking".

Conference web site

May 31 - June 2, 2017
Open Source Summit, Japan

LinuxCon, ContainerCon and CloudOpen combine under one umbrella name in 2017 - Open Source Summit. Three events in one, Open Source Summit Japan is a technical conference where 600+ open source professionals, developers and operators will convene to collaborate, share information and learn about the latest in open technologies, including Linux, containers, Cloud computing and more.

Conference web site

June 6, 2017
Oracle Code Event, Brussels, Belgium

Oracle Code is a series of one-day developer conferences being held in 20 cities worldwide, focusing on building modern web, mobile, enterprise, and Cloud-native applications.

Conference web site

June 6-8, 2017
Cloud Expo, New York, New York, USA

Cloud computing is now being embraced by a majority of enterprises of all sizes. Yesterday's debate about public vs. private has transformed into the reality of hybrid Cloud: a recent survey shows that 74% of enterprises have a hybrid Cloud strategy. Meanwhile, 94% of enterprises are using some form of XaaS - software, platform, and infrastructure as a service. Cloud Expo is the single show where delegates and technology vendors can meet to experience and discuss the entire world of the Cloud.

Conference web site

June 8-9, 2017
e-IRG Open Workshop, St. Paul's Bay, Malta

Topics for this workshop are:

- Long-term sustainability for e-Infrastructures
- Long-term sustainability: structure and financing/funding
- Long-term sustainability of data - ownership, preservation, archiving
- Long-term sustainability of software

[Conference web site](#)

June 18-22, 2017
32nd ISC High Performance Conference - ISC'17, Frankfurt, Germany

ISC High Performance, the leading supercomputing event in Europe, will combine a strong line-up of technical experts in the field of HPC with exhibits from leading supercomputing centres, as well as hardware and software vendors. ISC High Performance presents state-of-the-art applications, architectures and trends in supercomputing. As a result, this HPC event has created a unique atmosphere of collaboration and co-operation.

In 2017 the organizers offer 12 fascinating HPC topics grouped under three categories: systems, applications, and emerging topics. All topics will be addressed in different power-packed sessions. The ISC tutorials, workshops and the exhibition will complement these sessions. ISC High Performance focuses on HPC technological development and its application in scientific fields, as well as its adoption in commercial environments.

[Conference web site](#)

June 18-23, 2017
Starmus Festival, Trondheim, Norway

The Starmus Festival was born to celebrate science and the arts with the goal of bringing an understanding and appreciation of science to the public at large. Starmus IV is going to be the biggest Starmus festival yet: an international star-studded gathering of scientists, artists, musicians, writers, business leaders, and more; all coming together to celebrate science. It will be an exciting festival of talks, concerts, debates, parties, and learning.

[Conference web site](#)

June 19-20, 2017
ContainerCon, LinuxCon, and CloudOpen Event, Beijing, China

At LC3, attendees can expect to collaborate, share information and learn about the newest and most interesting open source technologies, including Linux, containers, Cloud technologies, networking, microservices and more; in addition to gaining insight into how to navigate and lead in the open source community.

[Conference web site](#)

June 22, 2017
Oracle Code Event, Atlanta, Georgia, USA

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[Conference web site](#)

June 25-29, 2017

Seventh International Conference on Advanced Communications and Computation - INFOCOMP 2017, Venice, Italy

INFOCOMP 2017 continues a successful series of events dedicated to advanced communications and computing aspects, covering academic and industrial achievements and visions. Tracks feature application scenarios, state of the art, and outreach developments of advanced scientific computing, supercomputing, HPC, and communication from present to future architectures, integrated systems, beyond Cloud, and reaching exaflop: large scale and fast computation, networks/systems communications, measurement, control and management, advanced applications from geosciences, scientific data processing, natural sciences, archaeology, planetology, spatial and environmental sciences, geoprocessing, integrated information and computing systems, intelligent systems, mobility, legal informatics, database applications, as well as tracks on evaluation context, biometry, security, access technologies, algorithms, and applications.

The conference brings together world's leading international experts, researchers, computational scientists, developers, system managers, users, students, and industry and business affiliates for sharing experiences, publishing and presenting new research results and discussing recent developments, challenges, and future advancements and collaboration in exciting expert panels, workshops, and tutorials.

Conference web site

June 25-30, 2017

2017 International Summer School on HPC Challenges in Computational Sciences, Boulder, Colorado, USA

This summer school is sponsored by Compute/Calcul Canada, the Extreme Science and Engineering Discovery Environment (XSEDE), the Partnership for Advanced Computing in Europe (PRACE) and the RIKEN Advanced Institute for Computational Science (RIKEN AICS).

Leading computational scientists and HPC technologists from the U.S., Europe, Japan and Canada will offer instructions on a variety of topics and also provide advanced mentoring. Topics include:

- HPC challenges by discipline
- HPC programming proficiencies
- Performance analysis & profiling
- Algorithmic approaches & numerical libraries
- Data-intensive computing
- Scientific visualization
- Canadian, EU, Japanese and U.S. HPC-infrastructures

Deadline for application is March 6, 2017.

Conference web site

June 26-28, 2017

Predictive Analytics 1.0 With Gui Tools, London, United Kingdom

This course will show you how to build predictive and cognitive analytics models:

- Gain strategic advantage: Learn how to build predictive analytics models against the 'Big Data' backdrop
- Develop new skills: Acquire practical skills that can be immediately implemented in your workplace
- Get practical: Create a model on your own data in the 'model jam' session, where you will create a model based on data you bring with on hand consultancy

Conference web site

June 26-28, 2017
Platform for Advanced Scientific Computing Conference - PASC'17, Lugano, Switzerland

This is an interdisciplinary conference in HPC that brings together domain science, applied mathematics and computer science - where computer science is focused on enabling the realization of scientific computation. The PASC Conference provides three days of stimulating and thought-provoking technical sessions, including keynote presentations, minisymposia, peer-reviewed papers, panels and poster sessions.

Conference web site

June 27, 2017
Oracle Code Event, S‹o Paulo, Brasil

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Conference web site

June 28 - July 1, 2017
European Society for Medical Oncology (ESMO) World Congress on Gastrointestinal Cancer 2017, Barcelona, Spain

The ESMO World Congress on Gastrointestinal Cancer is the premier global event in the field - encompassing malignancies affecting every component of the gastro-intestinal tract and aspects related to the care of patients with gastro-intestinal cancer, including screening, diagnosis and the latest management options for common and uncommon tumours.

Conference web site

June 29, 2017
Oracle Code Event, Mexico City, Mexico

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Conference web site

July 5-7, 2017
LIBER Conference 2017, Patras, Greece

LIBER's goal is to give European research libraries, national and university, a distinctive and compelling voice in the international library community. The chosen name LIBER - Ligue des Biblioth□ques EuropŽennes de Recherche - is redolent of both books and freedom. Keynotes will be provided by Kathleen Shearer, Julia Reda, and Costas Fotakis.

Conference web site

July 9-13, 2017
Practice & Experience in Advanced Research Computing - PEARC17, New Orleans, Louisiana, USA

PEARC17 welcomes all who care about the challenges in using and operating advanced research computing. The Extreme Science and Engineering Discovery Environment (XSEDE) annual conference is transforming into an independent entity designed to unite the high-performance computing and advanced digital research community.

The theme of this year's conference is Sustainability, Success and Impact - particularly apropos as the organizers strive to succeed in making the conference itself a self-sustaining event with continued impact. The theme also reflects key objectives for those managing, developing, and using advanced research computing throughout the nation and the world - sustainability of the infrastructure environment, measuring and ensuring success for those organizations providing and using advanced research computing, and impact of the technologies on the workforce and on science and scholarship.

Conference web site

July 14, 2017
Oracle Code Event, Beijing, China

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Conference web site

July 18, 2017
Oracle Code Event, Sydney, Australia

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Conference web site

August 12-17, 2017
Femtochemistry Conference 2017 - FEMTO13, Cancun, Mexico

Topics include:

- Reaction dynamics and influence of conical intersections
- Solvation phenomena and hydrogen-bond dynamics
- Chemical dynamics at surfaces, interfaces, and nanostructures
- Dynamics in Proteins, DNA, Polymers and Macromolecules

- Primary processes in photobiology and photon energy capture
- Electron dynamics in atoms, molecules and solids
- Atomic and molecular structural dynamics resolved in space and time
- Strong field science and control of laser-matter interactions

Conference web site

August 26-30, 2017
European Society of Cardiology Congress 2017, Barcelona, Spain

In 2017, the ESC Congress spotlight is "40 years of PCI" to highlight the impact that Percutaneous Coronary Interventions have had on all aspects of cardiovascular care. Over 500 sessions and a distinguished faculty including the most respected scientists and clinicians from around the globe will provide an unmatched scientific and educational programme covering the entire scope of cardiovascular science.

Deadline for paper abstract submission is February 14, 2017.

Conference web site

August 28 - September 1, 2017
Third International Scientific Conference "BOINC-based High Performance Computing: Fundamental Research and Development", Petrozavodsk, Republic of Karelia, Russia

High performance computing is extremely important for modern fundamental and applied science. Desktop Grid technologies are used in scientific research together with clusters and Grid systems, while Volunteer Computing assist in breakthroughs in astronomy, biotechnology, fundamental physics and mathematics, and many other branches of science. However, unused potential of Desktop Grids is still quite high.

The Third International Scientific Conference "BOINC-based High Performance Computing: Fundamental Research and Development" is devoted to studying potential of distributed Desktop Grid computing, exchange of experience in creation and support of fundamental and applied BOINC projects. Among other, reports concerning technologies of development of distributed applications, processing of data, mathematical modeling of Desktop Grid, fundamental and applied BOINC projects will be presented.

During the conference a meeting of the Russian Branch of "International Desktop Grid Federation" and a meeting with crunchers who participate in BOINC-projects will be organized.

Deadline for paper submission is April 3, 2017.

Conference web site

August 29 - September 1, 2017
Genome 10K Conference, Norwich, United Kingdom

The Genome 10K conference will bring together, zoologists, geneticists, genome scientists, technologists, and

bioinformaticians from around the globe, who have pledged to facilitate the genome sequence and analyses of some 10.000 living species of vertebrates.

At this meeting, the GL0K Community of Scientists will take stock of progress to-date and chart the course for the future. The conference will highlight advances under topics including Evolutionary Genomics, Conservation Genomics, Genome Informatics and Sequencing Technology; providing a space for researchers to explore common interests in special interest groups, as well as encouraging early-career scientists through provision of key skills through training workshop sessions.

Conference web site

August 30, 2017
Oracle Code Event, Seoul, South Korea

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Conference web site

September 8-12, 2017
European Society for Medical Oncology (ESMO) 2017 Congress, Madrid, Spain

The highlight this year is: "Integrating science into oncology for a better patient outcome". In an era of deep understanding of the molecular biology underlying the development of cancer, it is crucial that researchers and clinicians exchange knowledge.

The ESMO 2017 Congress, in partnership with the European Association for Cancer Research (EACR), will bring cancer researchers and clinicians together to enable collaboration and the exchange of ideas, from the laboratory to the bedside and back. This exciting partnership creates a unique cancer congress in Europe with huge scientific reach and the true potential to improve the lives of cancer patients.

The ESMO Congress is the most influential annual meeting for oncology professionals in Europe.

Conference web site

September 10-14, 2017
42nd FEBS Congress, Jerusalem, Israel

The FEBS Congress is one of the most visible activities of the Federation of European Biochemical Societies (FEBS). As one of the largest bio-congresses in Europe, featuring approximately 2500 attendees, the Congress provides a platform for international scientific exchange and showcases the newest developments in biochemistry, molecular biology and related areas. The Congress comprises plenary lectures presented by outstanding scientists including Nobel Laureates, a range of subject-specific symposia to provide the latest updates in different areas of bioscience research, extensive poster communications, and a variety of interesting workshops and other activities on related topics.

Conference web site

September 18-20, 2017
OpenMPCon, New York, New York, USA

OpenMPCon is organized by the OpenMP community and is uniquely positioned to provide both novice and experienced developers with new insights into using directive based APIs such as OpenMP. The conference focuses on the practical application of OpenMP and other directive based languages to deliver high-performance computing through parallel processing. At OpenMPCon you will enjoy thought provoking keynotes plus inspirational tutorials, talks and presentations. The relaxed and friendly atmosphere provides a great opportunity to discuss and share your experiences using OpenMP with industry experts, fellow developers and technology suppliers.

Deadline for paper submission is June 1, 2017.

Conference web site

September 19-21, 2017
Research Data Alliance's (RDA) Tenth Plenary Meeting, Montréal, Canada

The overarching theme is "Better Data, Better Decisions" (BD2). RDA Plenaries are held every six months in different places around the world. They are exciting and productive events that bring together a unique community of data scientists, librarians, computer scientists, and domain scientists. Plenary meetings are special working events that really help move the community forward in creating tangible deliverables that improve data sharing across disciplines, technologies, and countries.

Conference web site

October 31 - November 2, 2017
Cloud Expo, Santa Clara, California, USA

Cloud computing is now being embraced by a majority of enterprises of all sizes. Yesterday's debate about public vs. private has transformed into the reality of hybrid Cloud: a recent survey shows that 74% of enterprises have a hybrid Cloud strategy. Meanwhile, 94% of enterprises are using some form of XaaS - software, platform, and infrastructure as a service. Cloud Expo is the single show where delegates and technology vendors can meet to experience and discuss the entire world of the Cloud.

Conference web site

November 12-17, 2017
International Conference on High-Performance Computing, Networking, Storage and Analysis - SC17, Denver, Colorado, USA

SC17 will once again bring together the international high performance computing community - a gathering of scientists, engineers, researchers, educators, programmers, system administrators and developers that is unequaled in the world -

for an exceptional programme of technical presentations, papers, informative tutorials, timely research posters and Birds-of-a-Feather (BoF) sessions. The SC17 Exhibition Hall will feature the latest technologies and accomplishments from the world's leading vendors, research organisations and universities. SC17 provides the unique opportunity to see the latest technologies that will shape the future of large-scale technical computing and data-driven science.

Conference web site

November 17-20, 2017
European Society for Medical Oncology (ESMO) Asia 2017 Congress, Singapore

The congress aims to keep oncology professionals in the Asia-PaciÞc region up to date with the fast pace of oncology science and education, and provide important networking opportunities with international peers. The ESMO Asia congress programme will offer state of the art oncology education covering all major tumour types.

Conference web site

June 11-15, 2018
CeBIT 2018, Hannover, Germany

The revamped CeBIT will revolve around the open-air site, with the EXPO canopy as its central hub. The halls around the d!campus will house the three main pillars of the reinvented CeBIT: d!conomy, d!tec and d!talk. The d!conomy showcase will be where digital solution providers and their commercial and public-sector customers will get down to business. Disruptive technologies, research institutes and startups will be on front and center stage at the new technology festival called d!tec. And last but not least, the d!talk programme will offer rich opportunities for dialogue, debate and knowledge-sharing in a series of conferences, workshops and keynotes held at various locations throughout the grounds.

Day one of the five-day event - 11 June 2018 - will be devoted entirely to high-caliber dialogue between digital business leaders and government policymakers, with admission restricted to journalists and Welcome Night attendees. On Tuesday, Wednesday and Thursday - with d!conomy, d!tec and d!talk on the agenda - solution providers and their customers will be in the spotlight. On 14 June, a special event will also be held to set the tone for an "open day" on Friday, when the d!campus and selected other sections of the show will be open to the general public.

Conference web site

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