



"Large research infrastructures represent a very dynamic R&D area that requires significant attention of policy-makers, R&D stakeholders and public society. To communicate you the latest development of the agenda, the Ministry of Education, Youth and Sports will issue a quarterly newsletter, overviewing the most remarkable achievements, which are in a more extensive way regularly reported on the official large research infrastructures' websites. I sincerely believe that reading this newsletter will be both interesting and inspirational for you."

Pavel DOLEČEK, Ph.D.

Deputy Minister for Higher Education, Science and Research

## Training programme for Czech students and scientists in ESO

The Ministry of Education, Youth and Sports of the Czech Republic and the ESO (*European Southern Observatory*) concluded an agreement establishing on-the-job training programme for Czech students, young researchers and engineers, to be realised in R&D facilities of ESO in Germany and Chile. The first fellowships' holders, who shall become the next generation ESO astronomers, front-line scientists and managers, will be selected already in 2019.

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## Chateau in Liblice hosted the 68<sup>th</sup> ESFRI plenary meeting

On 27<sup>th</sup> – 28<sup>th</sup> March 2019, the ESFRI (*European Strategy Forum on Research Infrastructures*) arrived to the Baroque Chateau in Liblice to hold the 68<sup>th</sup> plenary meeting in the Czech Republic. The 1<sup>st</sup> ESFRI Chair from the Central and Eastern European countries, Mr Jan Hrušák, moderated the debates on the 2021 ESFRI Roadmap update and ESFRI future approaches to facilitate exchanges on emerging policy-making topics of European research infrastructures.

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## The Czech Republic joins FAIR as aspirant partner

The FAIR (*Facility for Antiproton and Ion Research*) research infrastructure has welcomed the Nuclear Physics Institute of the Czech Academy of Sciences to become the aspirant partner in the FAIR GmbH. The agreement signed in Darmstadt, Germany, will facilitate further engagement of the Czech Republic in the FAIR construction phase and ensure the Czech participation in this endeavor to operate a world-class facility for hadron and nuclear physics.

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## Czech-German scientific conference on nanotechnologies and advanced materials in Brno

On 16<sup>th</sup> – 17<sup>th</sup> May 2019, the CEITEC (*Central European Institute of Technology*) hosted the Czech-German scientific conference on nanotechnologies and advanced materials. Participants from research and industrial communities attending the event had the opportunity to visit top-class R&D facilities in the South Moravia metropolis of Brno, the birthplace of electron microscopy in the Central Europe and an emerging science and technology hub.

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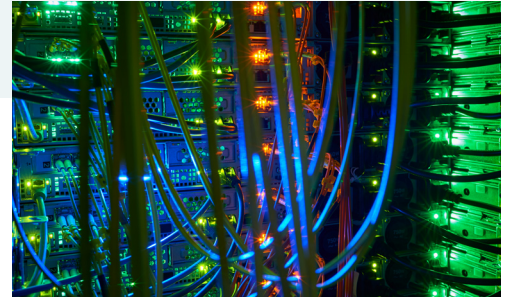




## IT4Innovations will host the EuroHPC petascale supercomputer in Ostrava

The IT4I (*IT4Innovations National Supercomputing Centre*), hosted by the VŠB – Technical University of Ostrava, succeeded in a European competition for hosting the EuroHPC petascale supercomputer. The IT4I participates also in the LUMI (*Large Unified Modern Infrastructure*) consortium, which will acquire a €200 million EuroHPC pre-exascale system, to be installed in Finland and to become one of the most powerful supercomputers in the world.

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## The Czech Republic applied for membership in the DARIAH ERIC consortium

In June 2019, the Ministry of Education, Youth and Sports submitted an official application on behalf of the Czech Republic for becoming a Member of the DARIAH ERIC (*Digital Research Infrastructure for the Arts and Humanities*). LINDAT/CLARIAH-CZ, coordinated by the Charles University, will become the Czech national coordinator of the DARIAH ERIC related activities, thus enhancing the digital research and education in the arts and humanities.

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## Update of Roadmap of Large Research Infrastructures of the Czech Republic

On 10<sup>th</sup> June 2019, the Government of the Czech Republic acknowledged the update of the Roadmap of Large Research Infrastructures of the Czech Republic for the years 2016–2022. The Roadmap gathers 48 large research infrastructures operated in the fields of physical sciences and engineering, energy, environmental sciences, biological and medical sciences, social sciences and humanities and ICT. All of them were approved for public funding by 2022.

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## 4<sup>th</sup> National Day Large Research Infrastructures

Charles University, Faculty of Mathematics and Physics  
19<sup>th</sup> November 2019, Prague

## 4<sup>th</sup> National Day of Large Research Infrastructures of the Czech Republic

The Ministry of Education, Youth and Sports of the Czech Republic and the Faculty of Mathematics and Physics of Charles University are organising the 4<sup>th</sup> National Day of Large Research Infrastructures, to be held on 19<sup>th</sup> November 2019 in Prague. Join the conference, enjoy the atmosphere of the top-class open access based R&D facilities and **register yourself via the official website**.

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## WWW: 30-year anniversary of an invention that changed the world

Thirty years ago, Tim Berners-Lee, a young computer scientist working at CERN (*European Organisation for Nuclear Research*), elaborated the very first proposal for an internet-based hypertext system to link and access the information across different computers. In April 1993, CERN released the World Wide Web software and made it available for free use. Nowadays, half of the world's population is online and close to 2 billion websites are running.

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