

Launch of the Czech Research Infrastructures Website

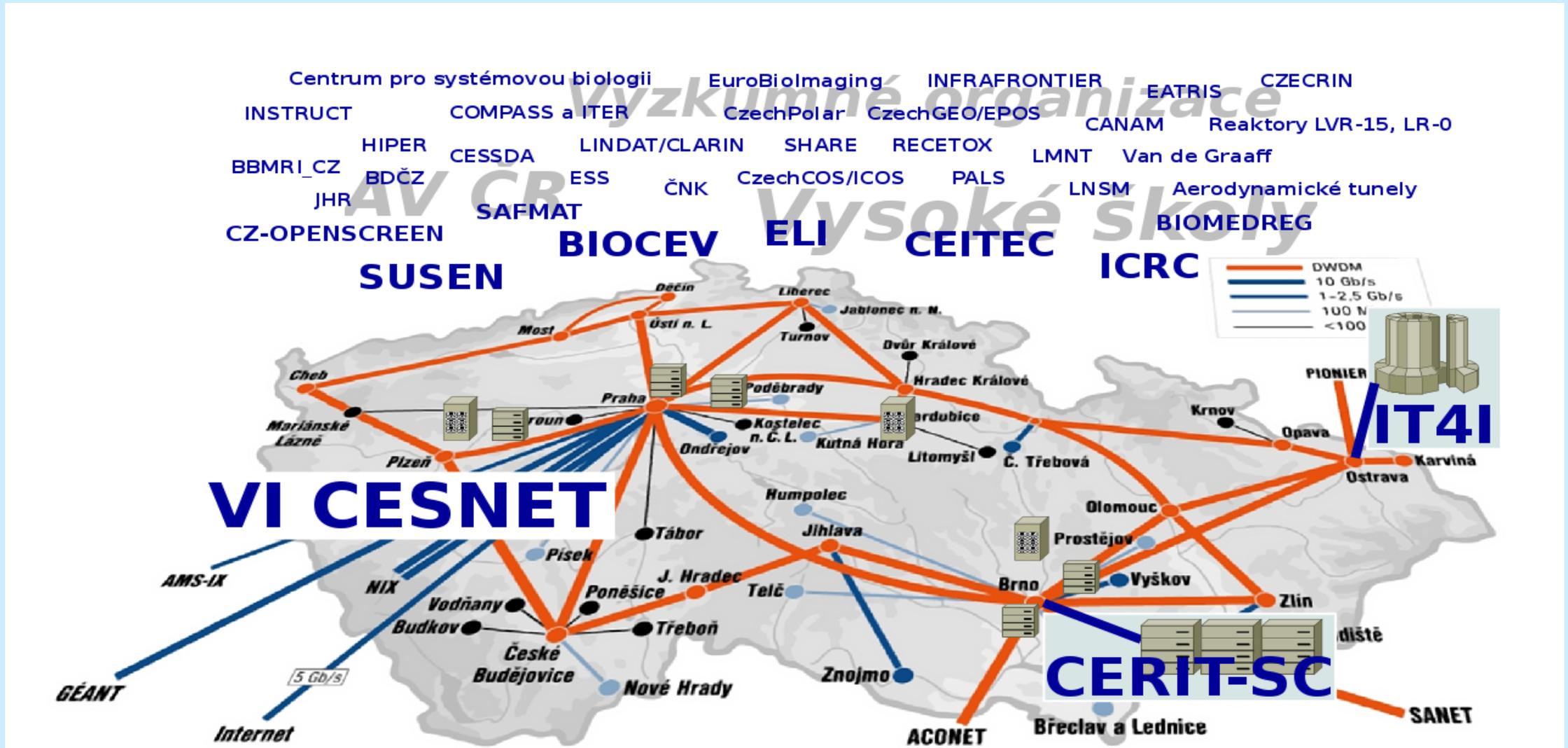
Jan Gruntorád, Ilona Trtíková

Roadmap of Large Infrastructures for Research, Experimental Development and Innovation

Areas:

1. Physical Sciences
2. Energy
3. Environmental Sciences
4. Biomedicine
5. Social Sciences and Humanities
6. ICT/e-infrastructures

Projects Included in the Czech Roadmap



Creation of the www.vyzkumne-infrastruktury.cz (Web)
was button-up approach

Web Editorial Board established in April 2017

Members by areas:

1. Physical Sciences - ...
 2. Energy - ...
 3. Environmental Sciences - ...
 4. Biomedicine – Ondřej Hradil, Radislav Sedláček
 5. Social Sciences and Humanities - Eva Hajičová, Jindřich Krejčí
 6. ICT/e-infrastructures - Martin Palkovič, Jan Gruntorád, Ilona Trtíková
- Ministry of Education, Youth and Sports - Lukáš Levák

www.vyzkumne-infrastruktury.cz

Goal:

- promote and disseminate information about activities of Large Research Infrastructures of the CR
- target groups: user communities, researchers, students, funding bodies, public....

Research infrastructures included in Roadmap of Large Research Infrastructures of the Czech Republic



Content

Short description of each infrastructure

Information about Strategy of the CR and participation in the international research area

News:

1. Short news – RSS channel
2. Detailed news – Homepage – press release, new findings etc.
3. Buttons – Services for users, Research results, Educational events
4. Carousel - Highlights

Large research infrastructures

supported by the Czech Ministry of Education, Youth and Sports

Strategy of the Czech Republic ESFRI Horizon 2020 International research organisations

Physics Energy Environment Biomedicine Social Sciences and Humanities E-Infrastructure



Day of National Research Infrastructures

2nd November 2017



Services for users

Research results

Educational events

Conference of e-infrastructure CESNET

1. 11. 2017

The all-day conference will present a full range of CESNET specific services, by demonstrating a number of innovations and new

[Read full text](#)

2nd CEITEC Nano User Meeting – 30th of November 2017

25. 10. 2017

It gives us pleasure to cordially invite you to the 2nd CEITEC Nano User Meeting organized by CEITEC Nano Research

[Read full text](#)

ESO Studentship Programme Europe and Chile 2017/2018 — Direct your research at one of the world's leading observatories

23. 10. 2017

The research studentship programme of the European Southern Observatory provides an outstanding opportunity for PhD students to lead their research

Day of National Research Infrastructures 2017

11. 10. 2017

The Day of National Research Infrastructures will take place in CEITEC Masaryk University, Brno on 2nd November. Registration is opened.

[Read full text](#)

Search



Languages

Česky

News

▪ [Jobs](#)

- [Konference e-infrastruktury CESNET](#)
Výzkumné infrastruktury | 01. 11. 2017
- [ELIXIR CZ Annual Conference-2017- List of posters.pdf](#)
ELIXIR CZ- Events | 26. 10. 2017
- [2nd CEITEC Nano User Meeting](#)
Výzkumné infrastruktury | 25. 10. 2017
- [Nový uživatelský vzor](#)
CATPRO | 25. 10. 2017
- [Exkurze Gymnázia Teplice](#)
CATPRO | 25. 10. 2017
- [Studijní program ESO v Evropě a Chile 2017/2018 – Zaměřte svůj výzkum na jednu z předních světových observatoří](#)
Výzkumné infrastruktury | 23. 10. 2017
- [Převratný astronomický objev za podpory ČR](#)
Výzkumné infrastruktury | 19. 10. 2017
- [Chcete si přečíst pokročilé analýzy z dat ESS?](#)
Výzkumné infrastruktury | 18. 10. 2017
- [2. listopadu se budeme účastnit již 2. ročníku Dne národních výzkumných infrastruktur](#)
IT4Innovations | 16. 10. 2017
- [Pozvánka na kurz Productivity tools for High Performance Computing \(27-28/11/2017\)](#)
IT4Innovations | 12. 10. 2017
- [Den národních výzkumných infrastruktur 2017](#)
Výzkumné infrastruktury | 11. 10. 2017

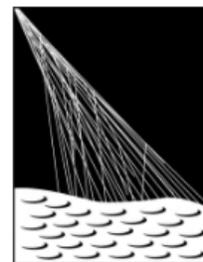
Pierre Auger Observatory

AUGER-CZ – [website](#)

Hosting institution: Institute of Physics, CAS

Partner institutions:

- Charles University in Prague
- Palacký University in Olomouc



PIERRE
AUGER
OBSERVATORY

For about a decade the Czech Republic has been contributing to the construction, operation, maintenance and improvement of the detection facilities of the [Pierre Auger Observatory](#) (AUEGER) – the largest cosmic ray detector in the world located on more than 3000 km² in Argentinean pampa. This international research infrastructure has 17 participating Member States and combines 2 detection techniques – fluorescence telescopes and array of surface detector stations. Both these systems study the highest energy cosmic rays coming to the Earth from the Universe. By participation in the Pierre Auger Observatory, the research community of the Czech Republic jointly with international partners contributes to a deeper understanding of the physical properties of cosmic particles. The significant role of Czech involvement in the Pierre Auger Observatory can be demonstrated by the fact that the Czech research group has taken the responsibility for the operation of the fluorescence detector system of the Pierre Auger Observatory for many years. Furthermore, Czech glass mirrors have been installed in 15 out of 27 fluorescence telescopes of the Pierre Auger Observatory. Therefore, one of the main goals of the Czech contribution to Pierre Auger Observatory is to continue in developing technological solutions of optical and other systems for fluorescence telescopes and other devices dedicated to the study of cosmic rays and monitoring of the atmosphere. The Czech experts also test, both in the laboratory and in the Pierre Auger Observatory, new detection techniques and systems for the study of cosmic rays and participate in the upgrade of the Pierre Auger Observatory. Collaborations of the research infrastructure AUGER-CZ at the national level are established in particular with the RCPTM (Regional Centre of Advanced Technologies and Materials in Olomouc) and CESNET e-infrastructure, which cooperates on the administration of central computing servers of the Pierre Auger Observatory.

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- [Pozvánka na kurz Productivity tools for High](#)

Collaboration

- 40 posts on homepage (until October 2017)
- 9 RSS channels

Update information about infrastructures
Revision of CZ/ENG version

web@vyzkumne-infrastruktury.cz

Future Plans

Cooperation with ResearchJobs.cz



**RESEARCH
JOBS**

Disseminate information through:



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Twitter <https://twitter.com/vyzkumCR>

@vyzkumCR

Thank you to all contributors

*New members of the web
Editorial Board are welcome*