Press kit

Latest news

Find the latest news from CERN openlab here: http://openlab.cern/news. Find the latest news from our collaborators here: http://openlab.cern/resources/.

Frequently asked questions

What is CERN openlab?

CERN openlab is a public-private partnership between CERN and leading ICT companies. Since 2015, other research institutions can also become members of CERN openlab.

What is CERN openlab's mission?

CERN openlab's mission is to accelerate the development of cutting-edge ICT solutions for the worldwide LHC community and wider scientific research.

Why did CERN create CERN openlab?

The Large Hadron Collider (LHC) is the most complex machine ever built; it produces enormous amounts of very complex data. CERN established CERN openlab in 2001 to help ensure that members of its scientific community have access to the very latest ICT solutions, thus helping them to gain scientific insights from this data and further push back the frontiers of physics.

Who is CERN collaborating with through CERN openlab?

Our current list of members can be found here: http://openlab.cern/about-us#members .

Why do leading ICT companies choose to collaborate with CERN?

Through CERN openlab, CERN provides access to its complex ICT infrastructure and its engineering experience. Testing in CERN's demanding environment provides the ICT industry collaborators with valuable feedback on their products, while enabling CERN to assess the merits of new technologies in their early stages of development for possible future use. This framework also offers a neutral ground for carrying out advanced research-and-development activities with more than one company.

What specific ICT topics is CERN openlab addressing today

The projects carried out through CERN openlab are currently addressing topics related to data acquisition, computing platforms, data storage architectures, compute provisioning and management, networks and communication, and data analytics. Find out more here: http://openlab.cern/our-work.

Where can I find out more about CERN?

Find the latest new and press releases from CERN on the CERN press office's website: http://press.cern/. Find out more about the Organization on the 'About CERN' webpage: http://home.cern/about.

Where can I find out more about IT at CERN?

Information about CERN's Data Centre is available on the website of the CERN IT Department: http://cern.ch/go/fn6m. The latest figures for the CERN Data Centre can be found here: http://cern.ch/go/NJ67. You can also find out about the Worldwide LHC Computing Grid here: http://wlcg-public.web.cern.ch/.

Where can I find out more about the Large Hadron Collider?

An overview of the LHC is available here: http://cern.ch/go/6XV8. The website includes information on the history of the LHC, facts and figures, and even a virtual tour.

Quotes

"Collaboration is central in enabling CERN to fulfil its mission; CERN openlab is a very good example of this."
— Fabiola Gianotti, Director-General of CERN

"By bringing together the leaders in ICT innovation from both the public and private sectors, we are able to achieve tangible results with far-reaching impact."
— Alberto Di Meglio, head of CERN openlab

“Since 2001, this unique public-private partnership has worked to ensure that members of CERN’s scientific community have access to the very latest ICT solutions to help them push back the frontiers of physics.”
— Alberto Di Meglio, head of CERN openlab

“It’s not just physicists that reap the benefits of CERN openlab. We’re working with researchers from other communities, such as the life sciences, to ensure they can benefit from our innovations, too.”
— Fons Rademakers, CERN openlab CRO

“Training the next generation of ICT specialists is of paramount importance for both science and industry. Through CERN openlab, researchers gain hands-on experience with cutting-edge technologies.”
— Maria Girone, CERN openlab CTO

Photos

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IT at CERN: http://cern.ch/go/6gG9.
Views of CERN: http://cern.ch/go/c6mG.
The Large Hadron Collider (LHC): http://cern.ch/go/vbr6.
LHC experiments: http://cern.ch/go/hp6S.

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Videos

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Introduction to CERN: http://cern.ch/go/7Gvg.
IT at CERN: http://cern.ch/go/8TBq.
CERN openlab summer student programme (1): http://cern.ch/go/S7CL.
CERN openlab summer student programme (2): http://cern.ch/go/tB6C.

For videos on other topics related to CERN, please visit the CERN press office’s website: http://press.cern/.

Media visits

If you wish to visit CERN to find out more about CERN openlab, please contact the CERN press office: press.office@cern.ch.

Contact

For any other enquiries about CERN openlab and its work, please contact Andrew Purcell: andrew.purcell@cern.ch.

For enquiries about CERN as a whole, please contact the CERN press office: press.office@cern.ch.