



Cern OpenLab News

URL: <http://openlab.cern/news> (<http://openlab.cern/news>)

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(<http://openlab.web.cern.ch/feeds/news/rss.xml>)

Students selected for 2017 CERN openlab Summer Student Programme (<http://openlab.cern/news/students-selected-2017-cern-openlab-summer-student-programme>)

Πέμ, 18/05/2017 - 16:35

Thursday, 18 May, 2017 (<http://openlab.cern/sites/openlab.web.cern.ch/files/styles/large/public/news/images/5.jpg?itok=fYHGaE9h>)

We would like to thank each of the 1580 students who applied to the CERN openlab Summer Student Programme. This year, 37 students have been selected from 22 different countries.

The students selected will come to CERN for nine weeks over the summer. At the laboratory, they will work with some of the latest hardware and software technologies, and see how advanced ICT solutions are used in high-energy physics. The students will also have the opportunity to attend a series of lectures given by IT experts on advanced CERN-related topics and will take part in visits to various CERN facilities and experiments, as well as other research laboratories and companies.

The full list students selected for 2017 is available here: <http://cern.ch/go/6kJV> (<http://cern.ch/go/6kJV>). For those students who were not successful in their application, we strongly encourage you to apply again for next year's programme (applications will open in December).

Κατηγορίες: [Physics Department - Extern RSS Feeds \(/el/aggregator/categories/1\)](#)

Collaborators meet at CERN — annual report published (<http://openlab.cern/news/collaborators-meet-cern-%E2%80%94-annual-report-published>)

Τετ, 22/03/2017 - 13:02

Wednesday, 22 March, 2017 (http://openlab.cern/sites/openlab.web.cern.ch/files/styles/large/public/news/images/20170322_091430.jpg?itok=VW199aIA)

Today, CERN openlab is holding its annual 'Collaboration Board' meeting. The event sees representatives of the companies and research institutes collaborating in CERN openlab come to CERN to review the progress made last year and discuss plans for the future. Find out more about our work in [the latest CERN openlab annual report](#) (<http://cern.ch/go/6KNS>), published today.

Also, you can read an opinion piece by Fabiola Gianotti, the CERN Director-General, about the importance of CERN openlab's work [here](#) (<https://home.cern/about/opinion/2017/03/cern-openlab-looking-ahead-next-15-years>). "For 15 years, 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 carry out their challenging physics research," writes Gianotti. "I would like to thank each of the companies collaborating in CERN openlab — as well as, most importantly, the people themselves — for their terrific efforts in supporting CERN's work."

Κατηγορίες: [Physics Department - Extern RSS Feeds \(/el/aggregator/categories/1\)](#)

Technical workshops prepare ground for CERN openlab VI (<http://openlab.cern/news/technical-workshops-prepare-ground-cern-openlab-vi>)

Δευ, 06/03/2017 - 16:28

Monday, 6 March, 2017 (http://openlab.cern/sites/openlab.web.cern.ch/files/styles/large/public/news/images/IMG_3732.JPG?itok=Tu9H_KAT)

Last week, CERN openlab hosted the first of three technical workshops in preparation for the collaboration's next three-year phase, which starts in 2018. These workshops bring together researchers and representatives of leading ICT companies to discuss the challenges that the high-energy physics community and other fields of 'big science' will face over the coming years.

[Last week's workshop focused specifically on topics related to data-centre technologies and infrastructures](#) (<http://openlab.cern/news/cern-openlab-workshop-data-center-technologies-and-infrastructures>). A workshop on [computer platforms and software](#) (<http://openlab.cern/news/computer-platforms-and-software>) will take place later this month, with another scheduled on [machine learning and data analytics](#) (<http://openlab.cern/news/machine-learning-and-data-analytics>) in April.

"There was plenty of in-depth discussion at the first workshop, on topics such as networking, clouds, storage, databases, and data-centre architectures," says Maria Gironé, CERN openlab CTO. "By bringing together a range of perspectives on these topics, we're able to identify the most beneficial areas for collaboration in CERN openlab's next three-year phase."

In September, CERN openlab will publish a whitepaper based on the outcomes of these workshops. With the LHC and the experiments set to undergo major upgrade work in 2019 and 2020, CERN openlab's sixth phase offers a clear opportunity to develop ICT solutions that will make a tangible difference for researchers at CERN when the upgraded LHC and experiments come online in 2021.

Find out more about our areas of work in our current three-year phase [here](#) (<http://openlab.cern/technical-areas>).

Κατηγορίες: [Physics Department - Extern RSS Feeds \(/el/aggregator/categories/1\)](#)

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