

# THE CERN OPENLAB EDUCATIONAL PROGRAM

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## STUDENTS



The openlab Summer Student program trained over 180 students since its inception in 2003. Over a period of 8 to 9 weeks, the students plunge into the deep waters of High Energy Physics research and come out with a project report. Their stay at openlab is peppered with talks and outside visits, such as those to Google and EPFL.



Students learn not only on the job, but also through a series of dedicated lectures organized every summer. The reach is wider than just the openlab program, since the whole CERN audience is welcome to participate. The roles are reversed in a lightning talks session, where each year students briefly describe their projects.



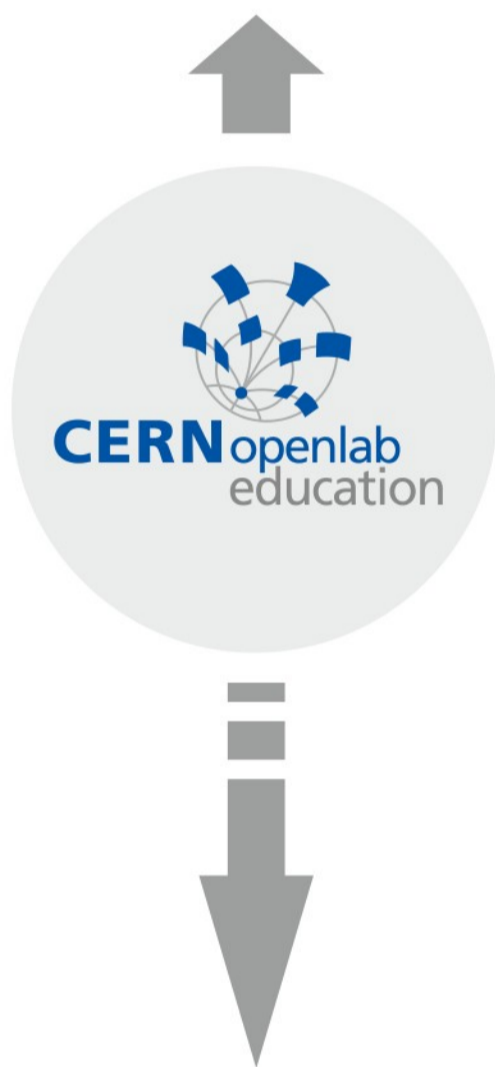
A recent addition is the ICE-DIP project under the EU Marie Curie umbrella, which employed 5 talented students. For them, the intensive 3-year training will end with a PhD degree. This high profile activity was singled out by the EU Commissioner for Education, Culture, Multilingualism and Youth: Androulla Vassiliou.

## TALKS



The numerous openlab visitors are regularly invited to address CERN audiences at CERN Colloquia and Computing Seminars.

Several times per year, openlab specialists deliver keynotes at major scientific and industrial conferences with thousands of participants. Each invitation is an opportunity to showcase CERN's research and computing prowess.



## WORKSHOPS



CERN openlab organizes around 10 workshops and training classes per year, mainly with the Platform Competence Center. These range in duration from one day to one week and take place at CERN or external venues - public and private alike.

## WORLD-CLASS TALENT

Since 2007, the openlab Educational Program trained over 1'500 scientists and engineers in cutting-edge computing technologies - at CERN and externally alike. In addition, over 200 technical and summer students underwent extensive on-the-job training.

Many openlab Alumni, profiting directly from the rich learning experience, have moved into attractive posts in international organizations and companies such as Cray, EMBL, ESA, Google, HSBC, IBM, Intel and others.

