





- ~ 2300 staff
- ~ 1050 other paid personnel
- ~ 11000 users

Budget ~1100 MCHF



What is CERN?

European Organization for Nuclear Research

Founded in 1954

Member States: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Israel, Italy, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom

Candidate for accession: Romania

Associate Members in the Pre-Stage to Membership:, Cyprus, Serbia,

Associate Members: Pakistan, Turkey

Observers to Council: India, Japan, Russia, United States of America, the European Commission, Joint Institute for Nuclear Research and UNESCO



CERN Structure



http://home.cern

http://home.cern/about

Beams Information Technology
Site Management and Buildings

Human Resources

Theoretical physics

CERN

Engineering

Technology

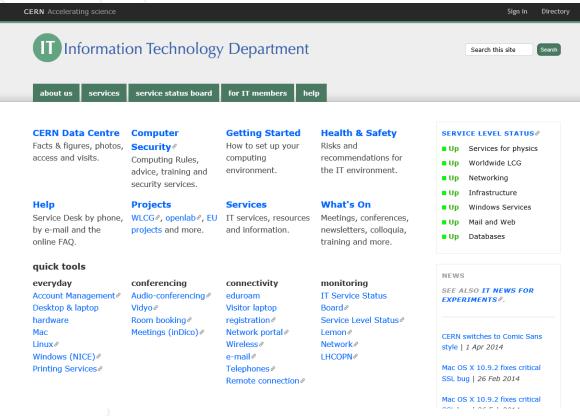
Site Management and Buildings

Experimental physics

Industry, Procurement and Knowledge Transfer



IT Department

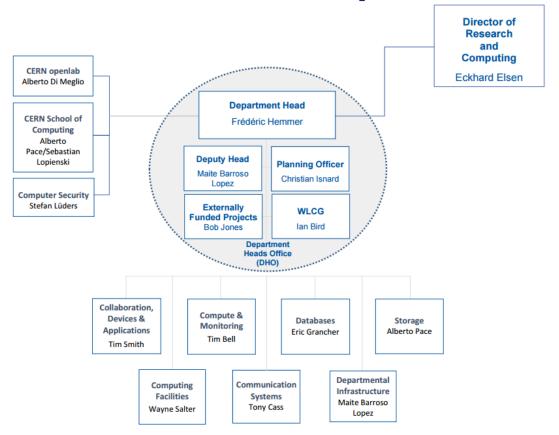


http://information-technology.web.cern.ch/



IT Department Structure

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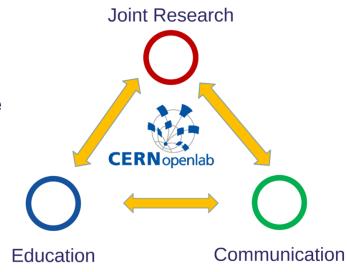




CERN openlab in a nutshell

A science – industry partnership to drive R&D and innovation with over a decade of success

- **Evaluate** state-of-the-art technologies in a challenging environment and improve them
 - **Test** in a research environment today what will be used in many business sectors tomorrow
 - Train next generation of engineers/employees
- **Disseminate** results and outreach to new audiences





Partners





Contributors











Associates



° ComTrade





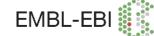
Research











Engagement of multi-disciplinary

CERN EXPERTS collaborating on joint projects

Association with the

WORLD'S LEADING INNOVATORS in the IT industry

DISSEMINATION OF RESULTS

as success stories to a wide range of audiences

CERN openlab Phase V

Recruitment channel for HIGHLY SKILLED

AND TRAINED young IT specialists

On-site VISITS



Set-up **2001**

15 Years of Successful Collaboration









CERN openlab Collaboration Board 2016

2003

2006



The community















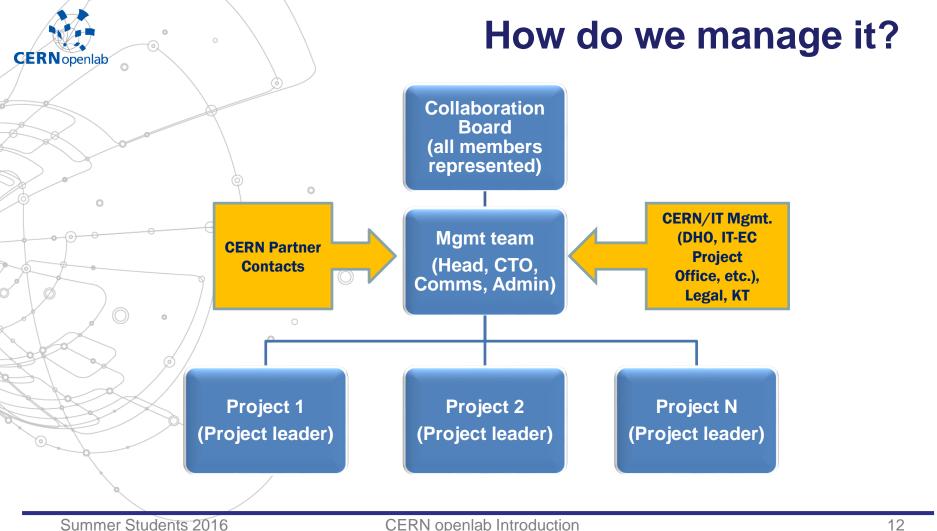














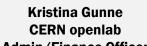
Maria Girone CERN openlab CTO

Sotirios Pavlou

Junior Admin Officer



Kristina Gunne CERN openlab **Admin/Finance Officer**





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Fons Rademakers CERN openlab **CRO**



Maria-Athanasia Pachou **Junior Communication** Officer





Melissa Gaillard

IT Department

Communication Officer

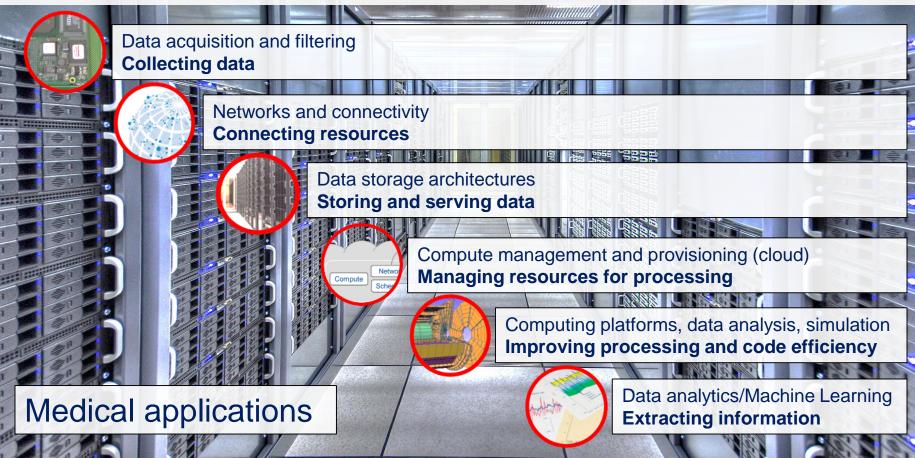


Alberto Di Meglio **CERN** openlab Head



Andrew Purcell CERN openlab **Communication Officer**

The Technical Programme



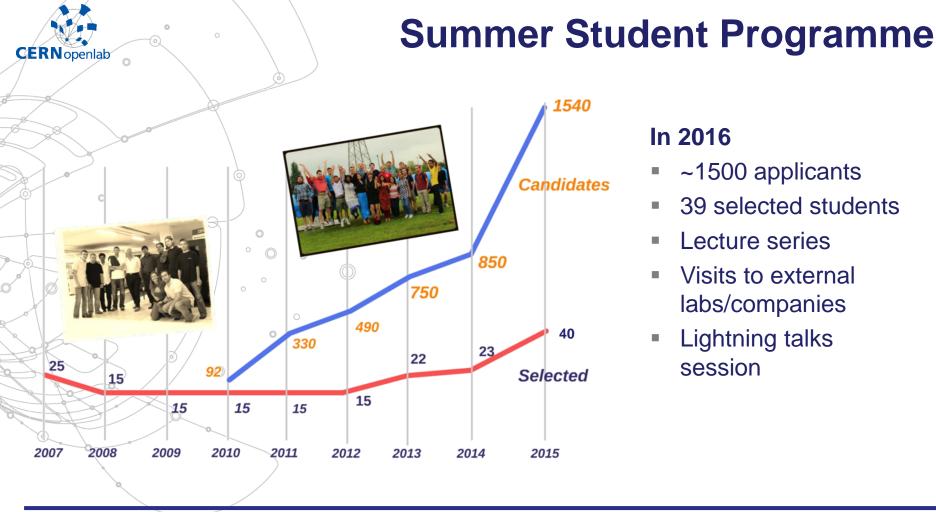


The Educational Programme

Most of the dedicated personnel in CERN openlab are young, talented Fellows receiving hands-on experience on new technologies

A comprehensive offer of general and specific workshops, training events and initiatives

Experts from industry and laboratories give lectures



In 2016

- ~1500 applicants
- 39 selected students
- Lecture series
- Visits to external labs/companies
- Lightning talks session



Your CERN Experience

- 9 weeks
- A project to complete
- A report to be submitted
 - Template provided (http://openlab.web.cern.ch/templates)
 - Initial draft after 4 weeks (table of content, main sections)
 - Final draft to your supervisor a week before leaving
 - A 5-minute 'lightning talk' to describe your project and its outcome
 - Visits to external companies and research institutes
 - A series of lectures about IT, computing and data management applied to HEP and other scientific domains
 - http://indico.cern.ch/category/8040/

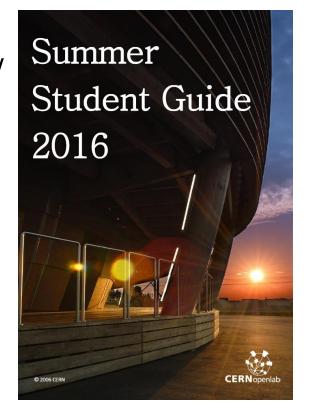


Confidentiality agreement

- Some of you will be carrying out work that is confidential.
- You may be working with technologies from industrial partners that is still under a nondisclosure agreement (NDA).



http://indico.cern.ch/ event/537114/ overview

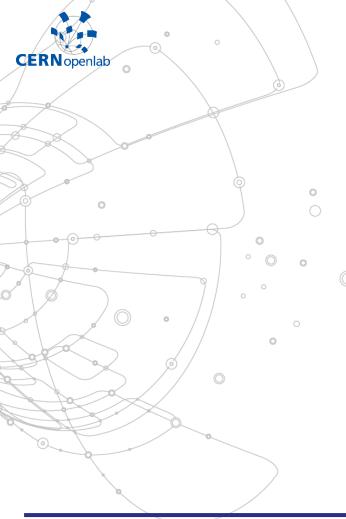


CERN openlab



Connect with us – and each other!





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