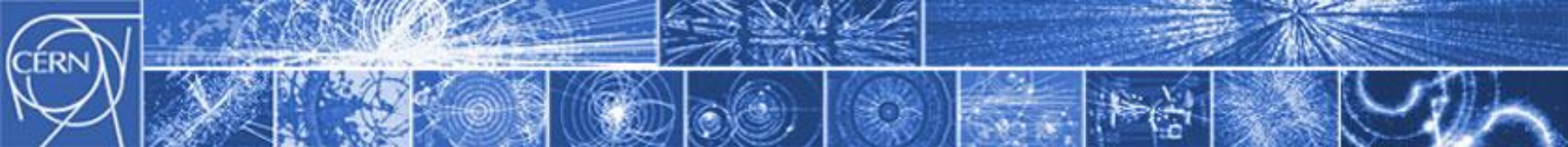


# IdeaSquare

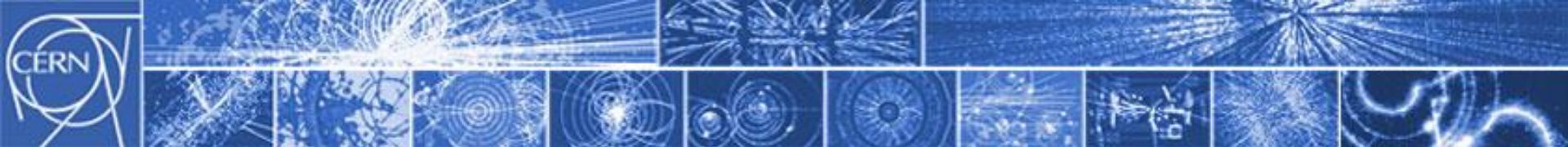
**Inauguration, December 9, 2014**  
Markus Nordberg, Marzio Nessi



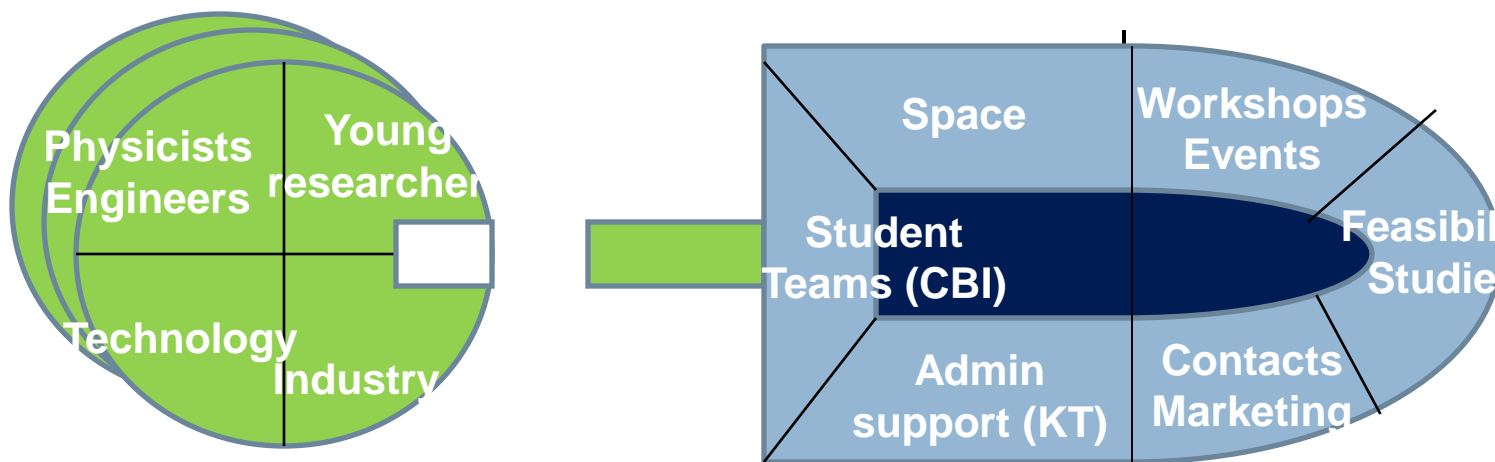


## IdeaSquare

- IdeaSquare is a renovated building - currently being commissioned - that hosts detector R&D initiatives and MSc-level student projects, having a connection to Society
- ATLAS has two EU-funded projects (TALENT, Edusafe) and CMS two suitable initiatives (optical fibre sensors, GEMs). More will follow later on
- In parallel, IdeaSquare facilitates Challenge Based Innovation course CBI which is a MSc-level, cross-disciplinary student programme involving some 50 students from six countries
- When the building is not in full use, we can host short, dedicated innovation events (e.g. Hackathons) or contribute to special schools (e.g. OpenLab Summer School)



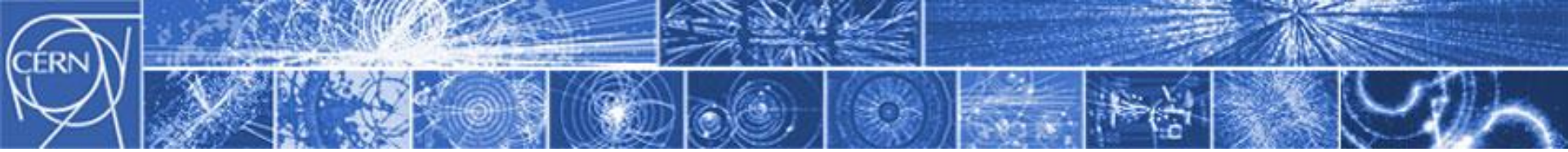
# What is the Principle of IdeaSquare?



**R&D projects (e.g. EU-projects in ATLAS and CMS)**

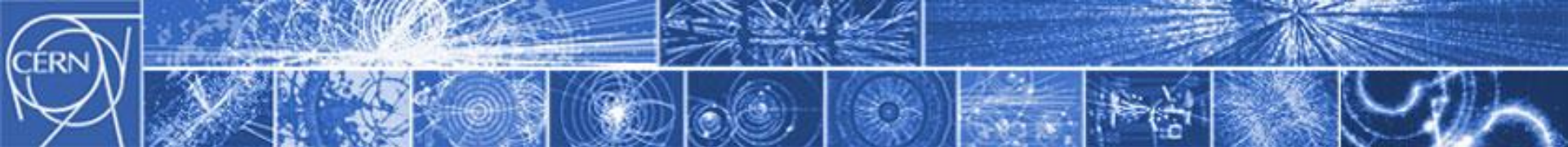
...

**... get support from CERN and elsewhere, to create new ideas**

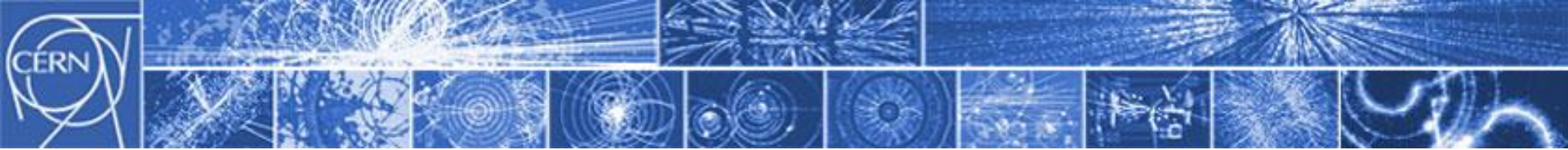


## IdeaSquare is an Experiment itself ...

- We will report first finding by late 2015/early 2016 to CERN mgmt
- Started testing the basic principles in August, 2013 in “IdeaLab”, a prototype facility in B16 lent for a year for us – thank you PH ☺
- All key features or functions have been prototyped
- Activities are self-funded (e.g. EU, universities). CERN provides basic infrastructure
- Our experimentation continues, and you are welcome to join in and give us feedback!
- Visitors are welcome

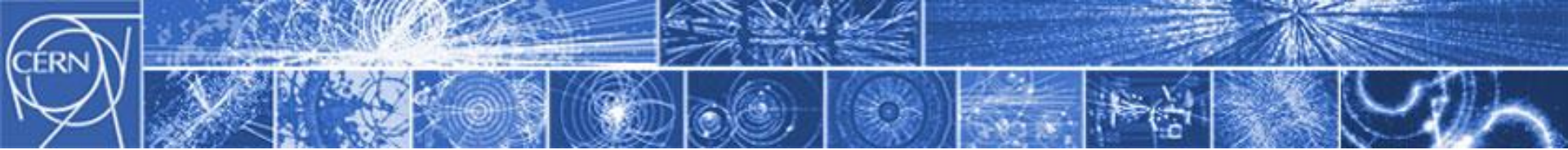






## Structure of the Programme Today

- The 1<sup>st</sup> hour consists of short presentations
  - Welcome and Intro (Markus, Marzio)
  - Greetings from Aalto University (Eetu)
  - Short intro to planned R&D activities in IdeaSquare (Marzio)
  - Short intros to Talent (Heinz) and Edusafe projects (Olga)
  - Intro to CBI (Tuuli, Joonas)
  - Intro to the layout of the building (Harri)
- 2<sup>nd</sup> hour, for those who can stay
  - Coffee and biscuits (!), sandwich lunch at 12.00
  - Talent and Edusafe present their work
  - CBI students demonstrate principles of rapid prototyping
  - Recent Port hackathon results are at display
- Round of (same) presentations at 09.00, 11.00, 13.00, 16.00
- Reggio-Emilia and CERN collaboration announcement at 15.00 – welcome!
- 16.30 Bus transport from B33 to CMS for those who have signed up



## Links for More Info

- IdeaSquare web pages (under construction): [cern.ch/ideasquare](http://cern.ch/ideasquare)
- TALENT: <http://talent.web.cern.ch/talent/>
- Edusafe: <http://edusafe.web.cern.ch/edusafe/site.php>
- Indico pages: <http://indico.cern.ch/category/5134/>
- Our event calendar:  
<https://mmm.cern.ch/owa/calendar/idea.s@cern.ch/Calendar/calendar.html>
- CBI: <http://www.cbi-course.com/>)
- Examples of Hackathons hosted:
  - Tribeca: [https://tribecafilminstitute.org/events/detail/tribeca\\_hacks\\_story\\_matter](https://tribecafilminstitute.org/events/detail/tribeca_hacks_story_matter)
  - Port: <http://theport.ch/>
  - HEAD: <http://www.hesge.ch/head/>