

Prototyping at IdeaSquare

ISAB Meeting 27. June 2024

Dina Zimmermann



What is IdeaSquare?



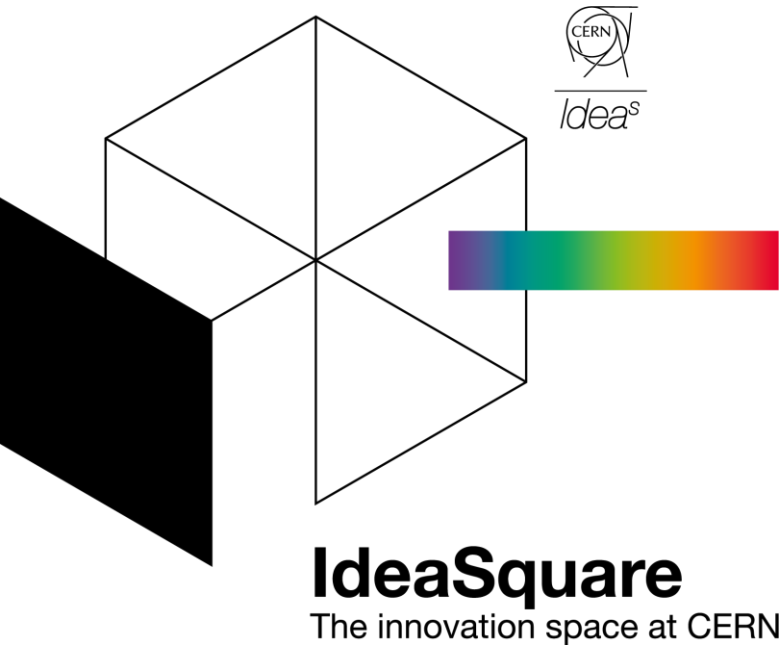
IdeaSquare
The innovation space at CERN
Open Doors
15 and 16 Feb

IdeaSquare welcomes you to
*Dream Big
*Do Good
*Be Open
*Collaborate
*Experiment
*Learn...

When there is a problem
Innovation is the
only solution
is a mindset.

IdeaSquare
The innovation space at CERN





The purpose of prototyping

- Teaching the students a tangible methodology for problem-solving and exploration
- Providing CERN personnel with a rapid prototyping facility
- Hands-on workshops to share knowledge inside CERN

FPGA courses with Adriaan Rijllart



6 courses - 71 participants

Student Program Prototyping



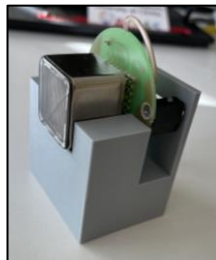
10 different programs with
over 350 students

MediPix workshop



18 participants

CERN Collaboration Projects



More than 20 projects
across departments

Arduino courses with Alberto Perro



5 courses – 51
participants

Machine Trainings for CERN Personnel



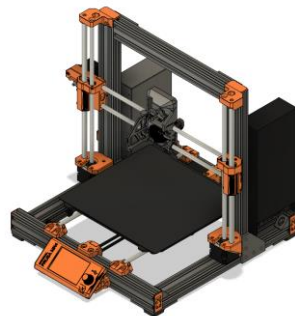
30 trainings for over 70
participants

The last year

I2Planet Prototyping



Upgrades of existing printers



Make-A-Thon



Prusa XL printer



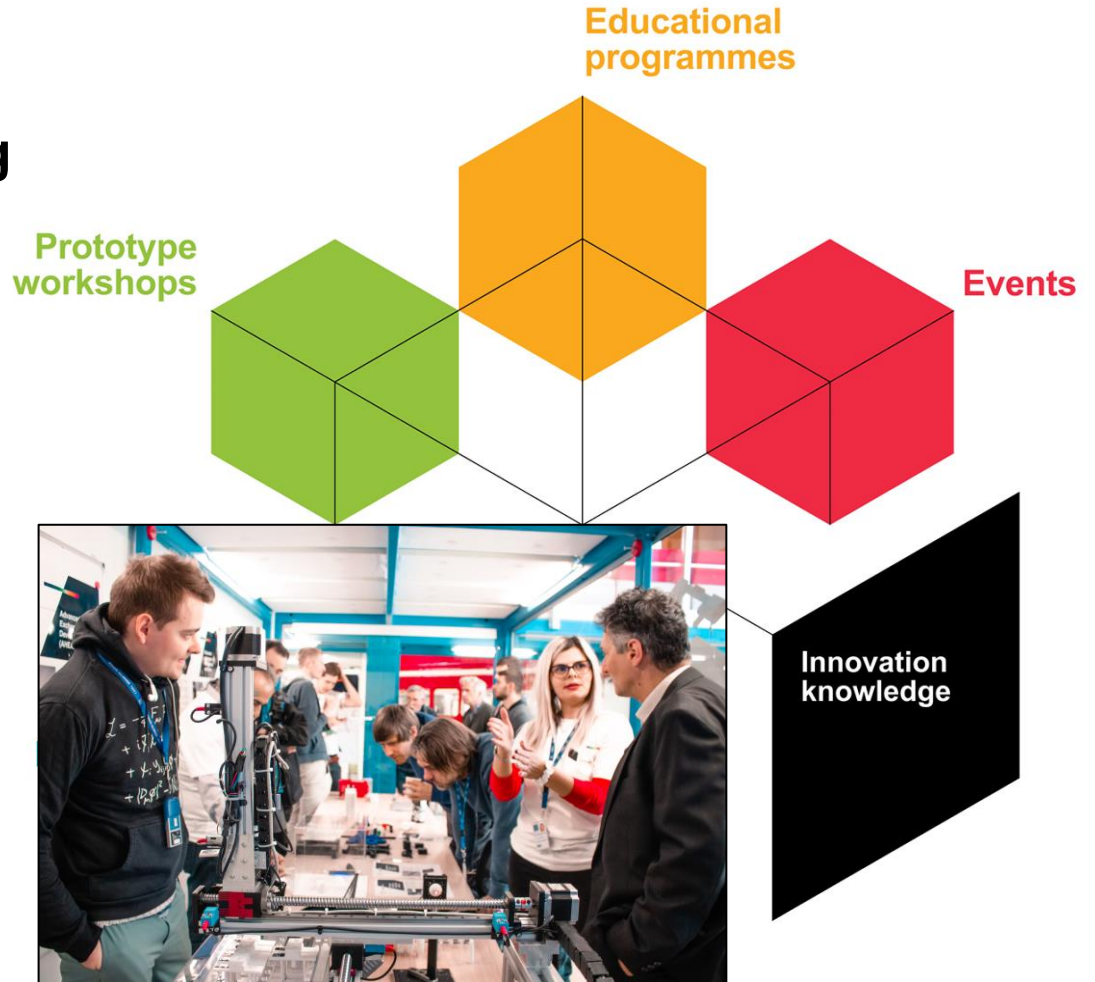
MADE IN EU



In the pipelines

The Future of Prototyping at IdeaSquare

- Rapid Prototyping Facility for CERN that can offer unique machines and expertise
- At the forefront of Prototyping Methodologies in collaboration with Design Factory Global Network
- Connecting CERN through workshops and collaboration





Thank you!

Contact us!
#CERNIdeaSquare
ideasquare.cern