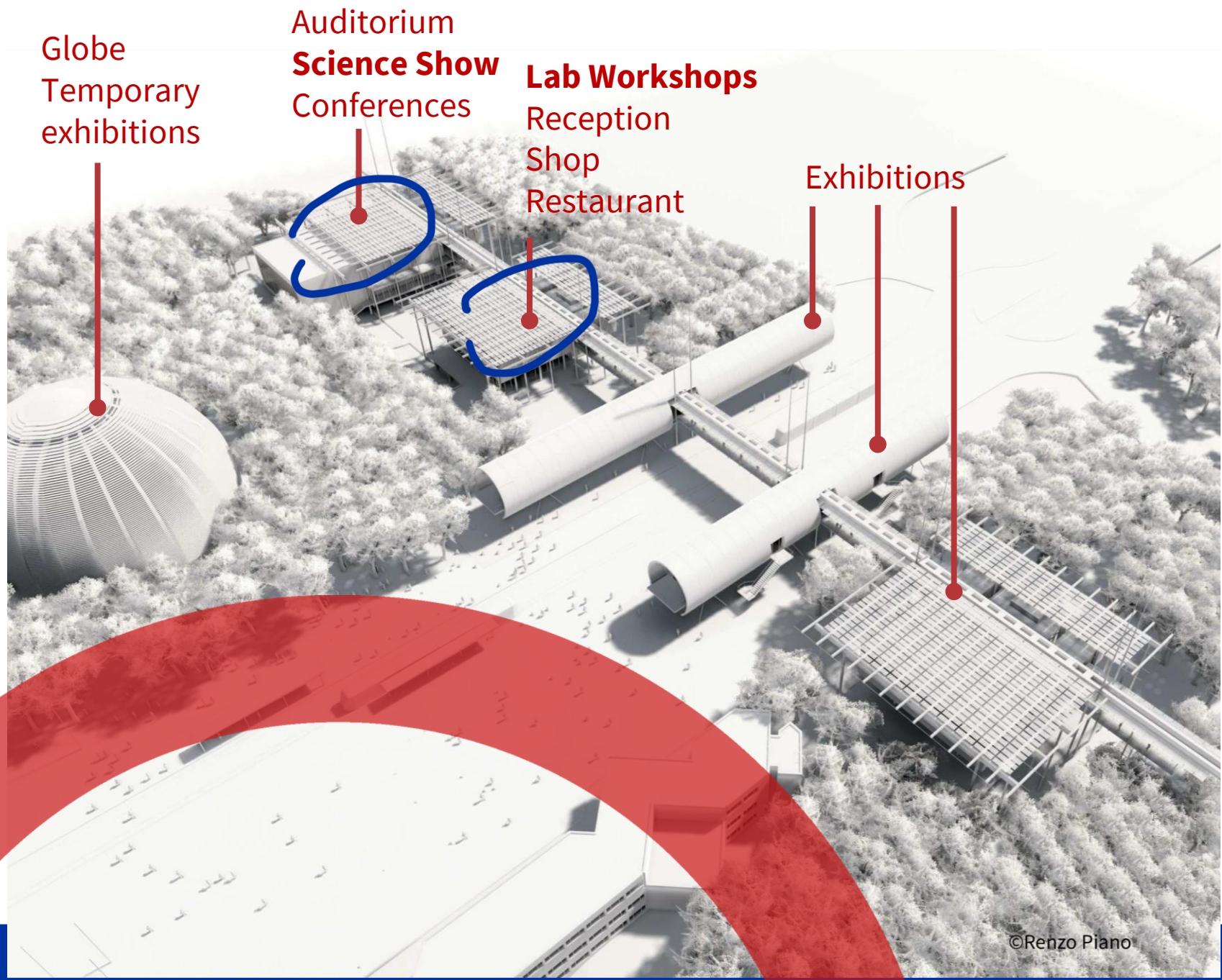


CERN Science Gateway

Discovering the Science Shows and Lab Workshops

Laura de Vevey

on behalf of the Science Gateway Education Team (sciencegateway.education@cern.ch)



A BRIDGE BETWEEN BUILDINGS AND MINDS

“A bridge, forever bridges! A glass bridge, which links the different themes and parts of Science Gateway while also allowing a physical encounter between researchers and children, visitors and physicists, tourists and scientists, all driven by curiosity and the thirst for knowledge”.

Renzo Piano, Architect

Science Shows

Discover the stories of discoveries



5 different shows

Auditorium 200-400 seats

Up to 3 shows per day

Performed by CERN scientists

English, French or bilingual

45 minutes



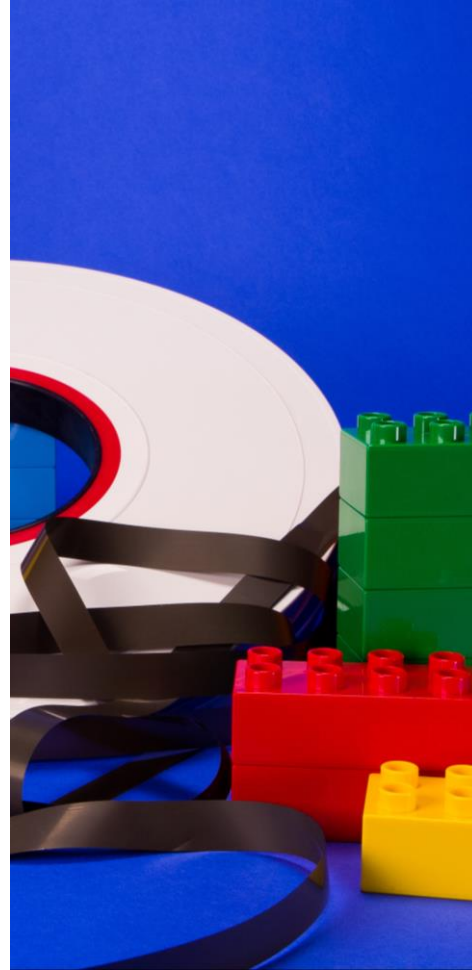
**Journey through
a Detector (12+)**



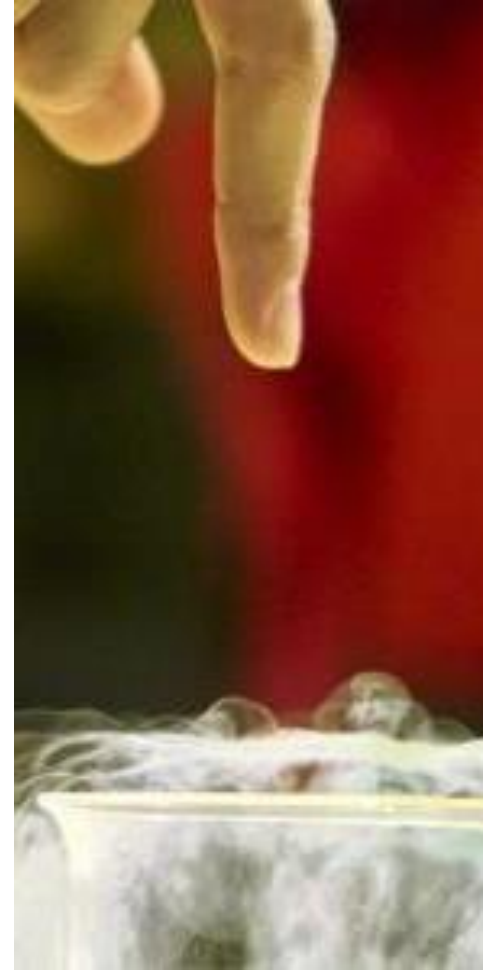
**Mysteries of Matter
(6+)**



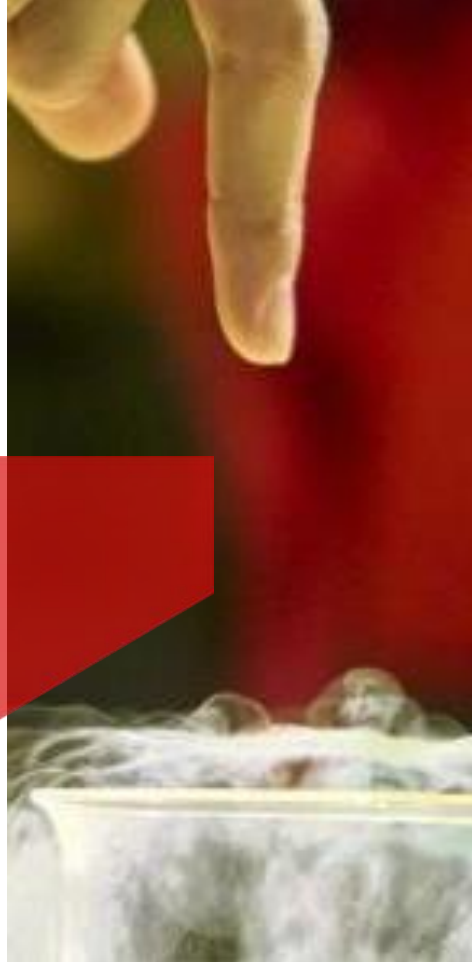
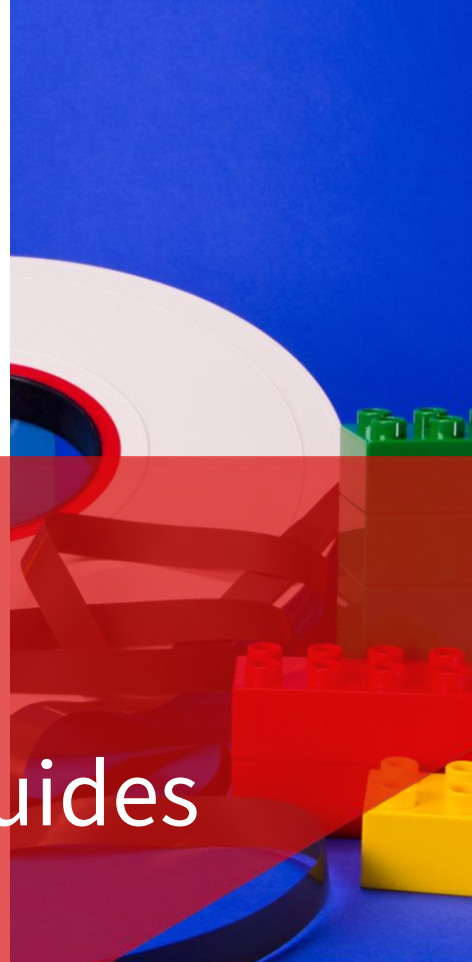
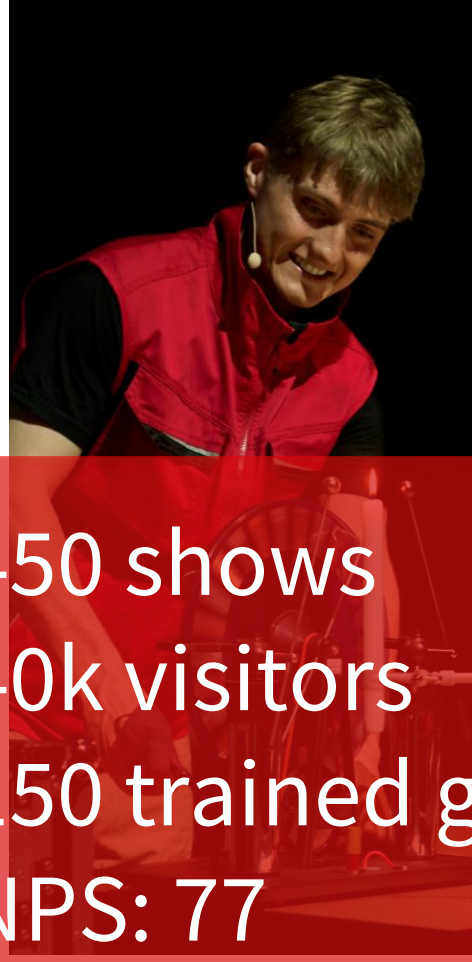
**Proton Express
(10+)**



**Seize the Data
(8+)**



**Science of Magical
Parties (4-7)**



**Journey through
a Detector (12+)**

**Mysteries of Matter
(6+)**

**Proton Express
(10+)**

**Seize the Data
(8+)**

**Science of Magical
Parties (4-7)**

- 450 shows
- 40k visitors
- 150 trained guides
- NPS: 77

Lab Workshops

Discover your inner scientist



10 different workshops

Pre-booked groups

Open workshops

Up to 8 workshops per day

Led by CERN scientists

Up to 24 participants

45 to 90 minutes

30+ languages



**Slimy detectors
(5-7)**



**Programming with
Ozobots (5-7)**



**Seeing the
Invisible (5+)**



**Magnet challenge
(8-12)**



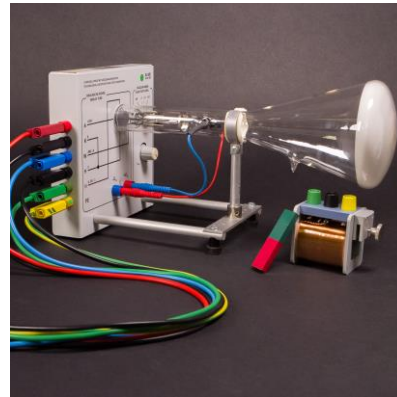
**Power of air
(8+)**



**LEGO Robotics
Challenge (8-15)**



**Cloud chamber
(16-19)**



**Electron beams
(16-19)**



**Superconductivity
(17-19)**



**Positron-Emission
-Tomography (17-19)**



**Slimy detectors
(5-7)**



**Programming with
Ozobots (5-7)**



**Seeing the
Invisible (5+)**



**Magnet challenge
(8-12)**



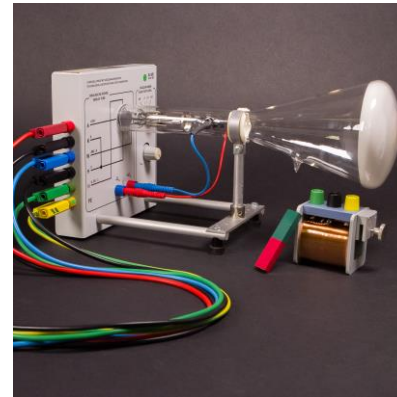
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Slimy detectors
(5-7)



Programming with Ozobots
(5-7)



Seeing the Invisible
(5+)



Magnet challenge
(8-12)



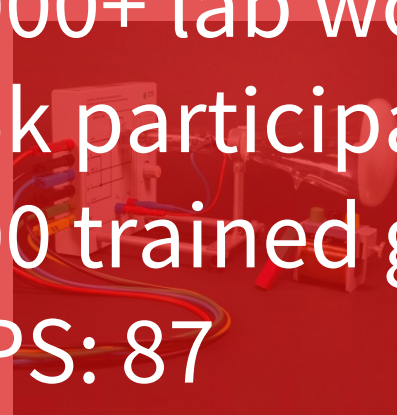
Power of air
(8+)



LEGO Robotics Challenge
(8-15)



Cloud chamber
(16-19)



Electron beams
(16-19)



Superconductivity
(17-19)



Positron-Emission Tomography
(17-19)

- 1000+ lab workshops
- 25k participants
- 300 trained guides
- NPS: 87

Guides Training

Bringing scientists to the stage



SG general guides trainings

Communication course

Science show trainings

Lab workshop trainings

Extra trainings

Special events

Feedback culture

Thank you for your attention.

Questions?

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