

# CERN Science Gateway Education Programme

**Anja Kranjc Horvat**

on behalf of the Science Gateway Education team ([sciencegateway.education@cern.ch](mailto:sciencegateway.education@cern.ch))









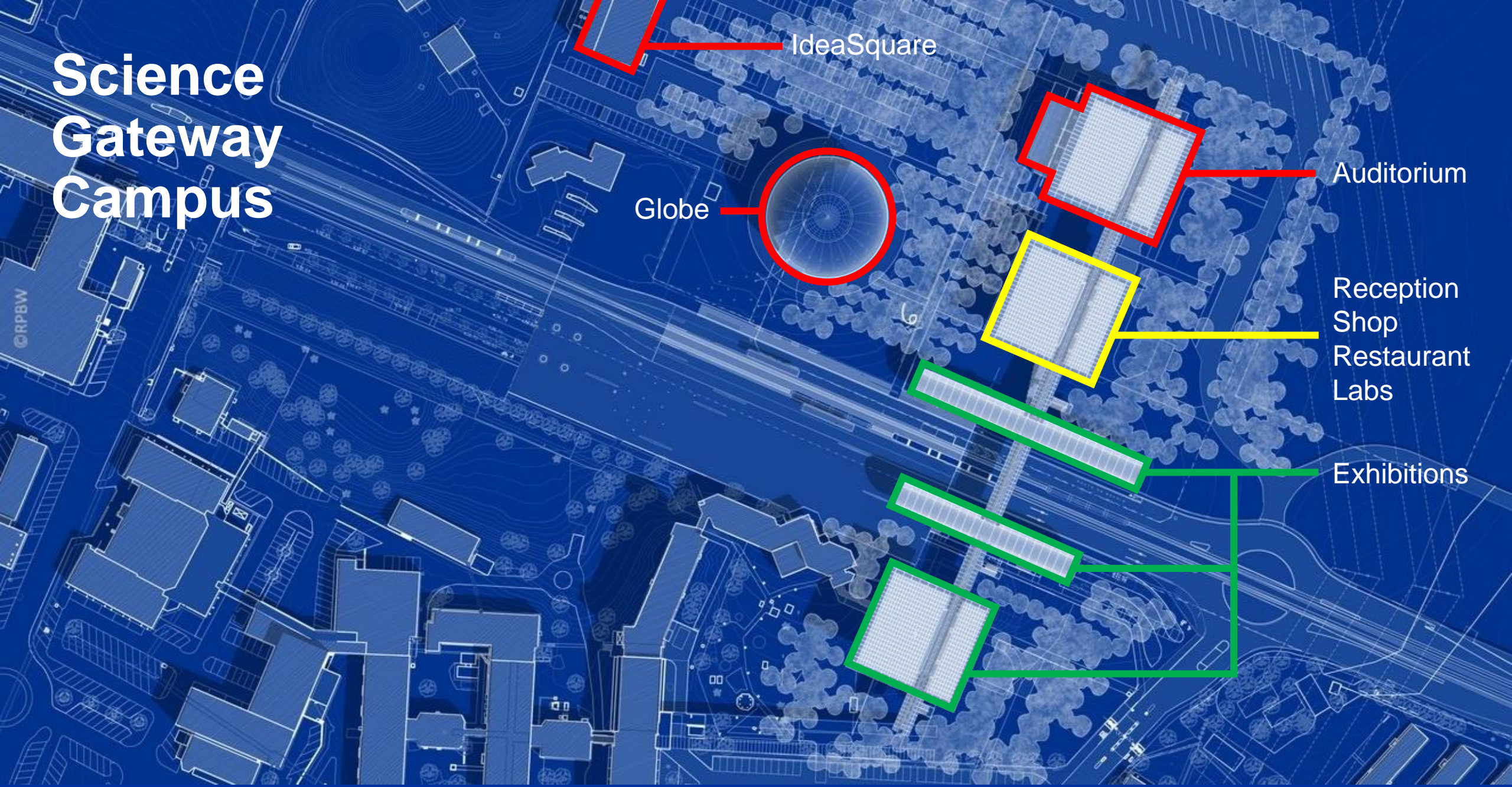


# Our Goals

- **Inspire** visitors with the beauty and mysteries of science
- **Enable** a diverse audience to engage with science, technologies, discoveries and people at CERN
- **Inspire** the next generations to explore careers in STEM
- **Empower** visitors of all ages to make sense of everyday science
- **Convey** the importance of fundamental science



# Science Gateway Campus



IdeaSquare

Globe

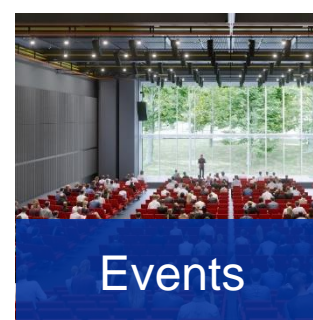
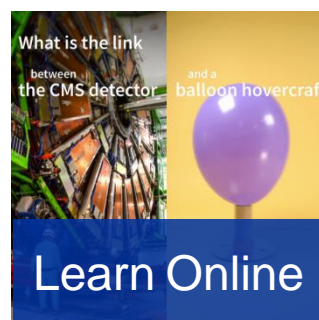
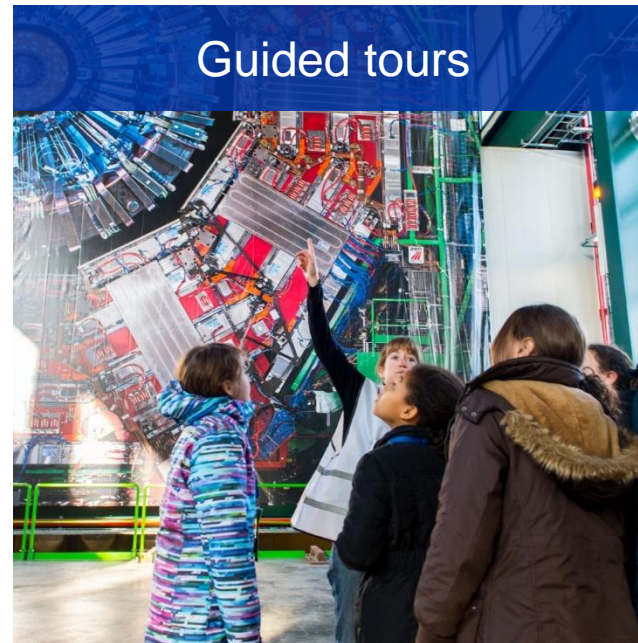
Auditorium

Reception  
Shop  
Restaurant  
Labs

Exhibitions



# Science Gateway programme





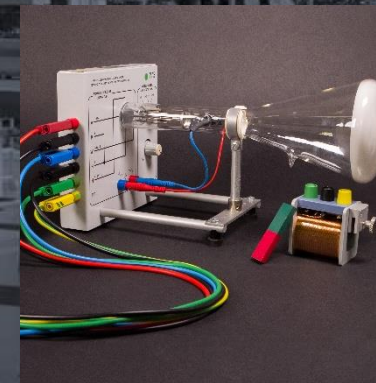
# Lab Workshops



- Two lab workshops for 24 participants each
- 45-90 min workshops
- Different languages
- Various age groups
- Independent hands-on experimentation and teamwork



# Lab Workshops



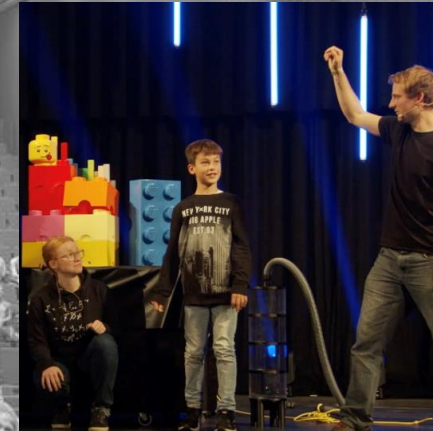
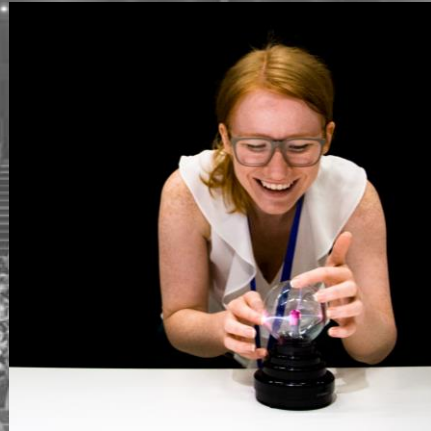


# Science Shows

- Auditorium for 200+ people
- 30-45 min shows
- Tailored to international audience and different age groups
- Focus on surprising demonstrations and interactive storytelling
- 3 shows per day, 6 days per week
- Presented by CERN volunteers



# Science Shows





# Online Learning

level 1

**DIY experiments videos for social media**  
• Goal:  $10^6$  views per year via CERN channels

level 2

**Online physics course for high-school students**  
• Goal:  $10^3$  participants per year from around the world

level 3

**CERN-Solvay student camps for high-school students**  
• Goal:  $10^2$  participants in total from around the world



# Online Learning



and a  
balloon hovercraft?





**See you in October 2023!**

**Thank you for your attention.**

**Questions?**