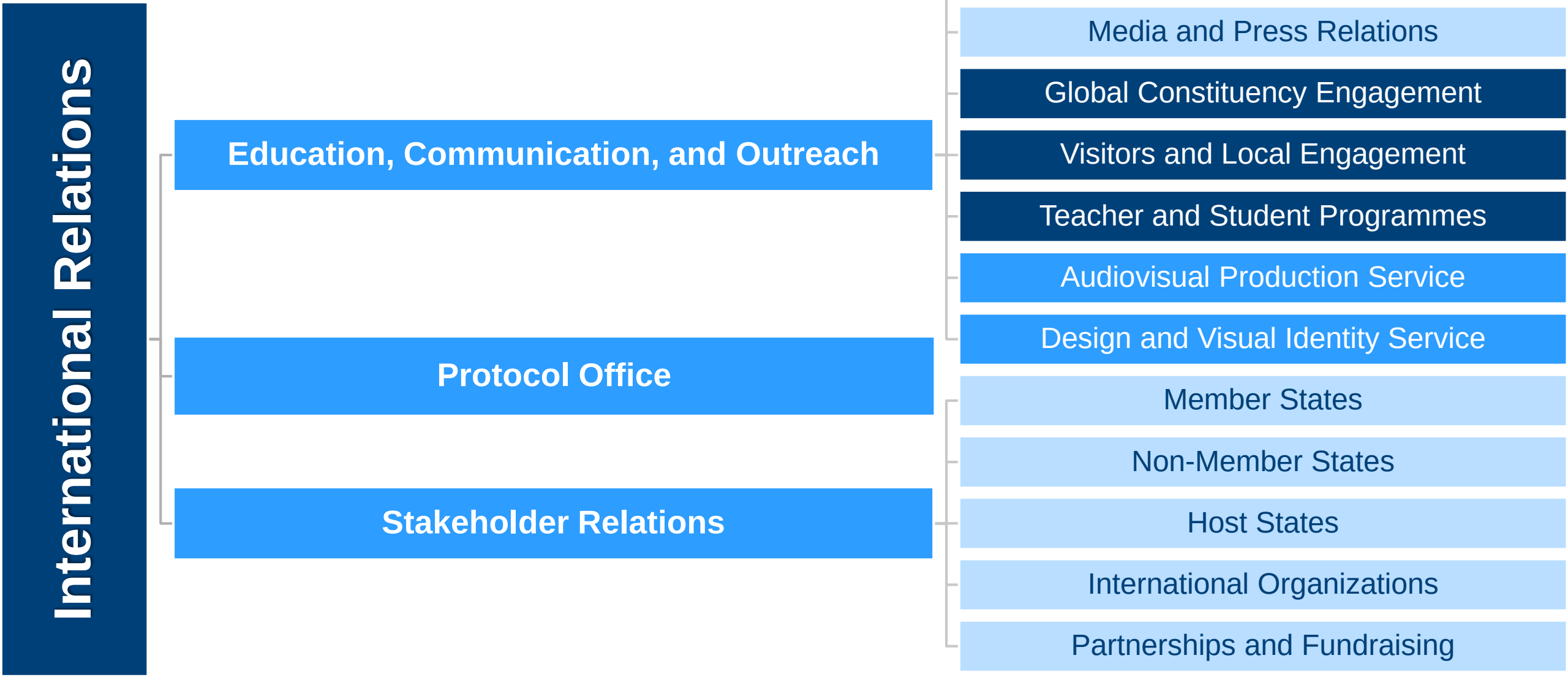

CERN

CERN
Outreach in the International Context

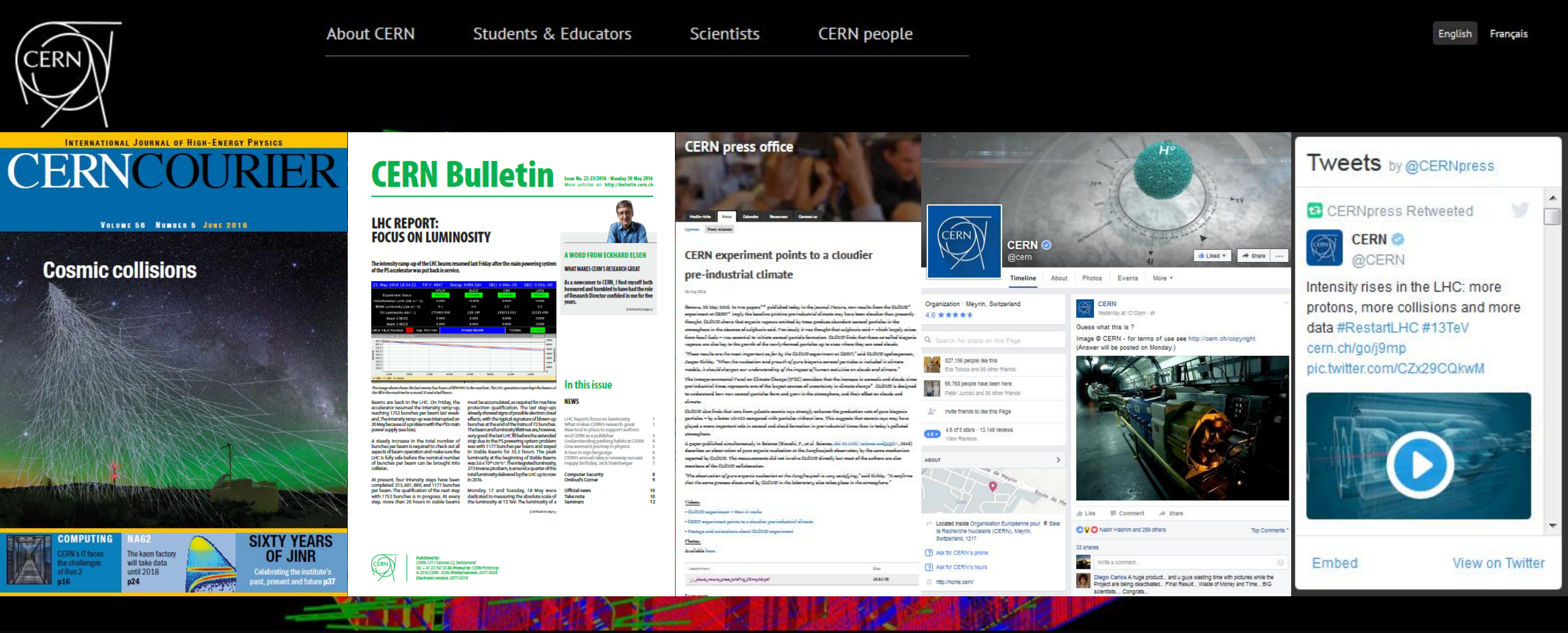
Dr. Sascha Marc Schmeling
CERN



@CERN – A New Sector is Born

Education, Communication, and Outreach

Activities



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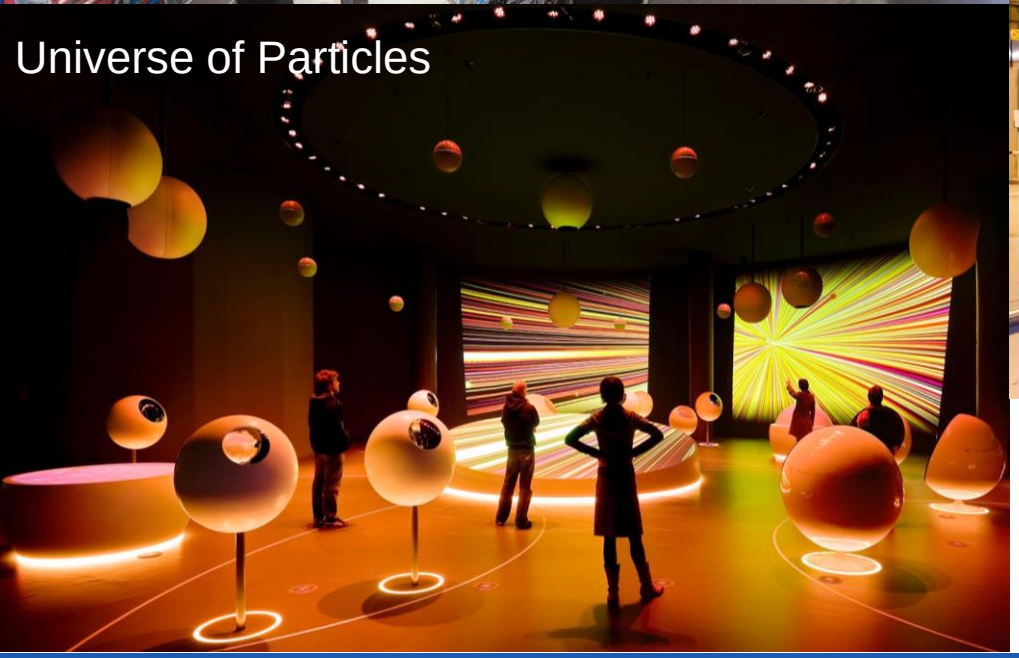
Press & Media • Editorial Content



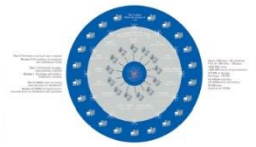
Creation of

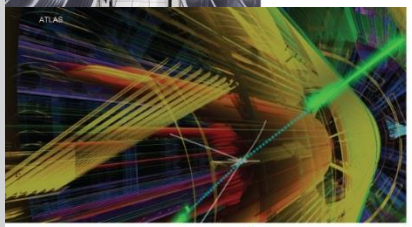
- immersive exhibitions
- interactive visits points

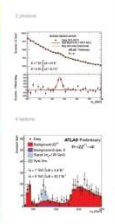
Global Constituency Engagement

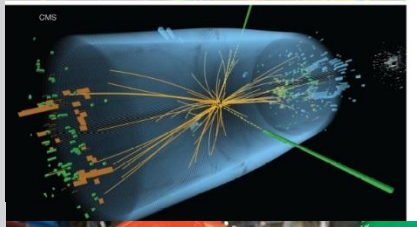
Accelerating Science

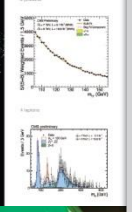
We are all 14 000 000 000 years old!

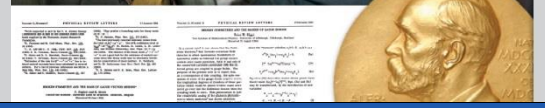


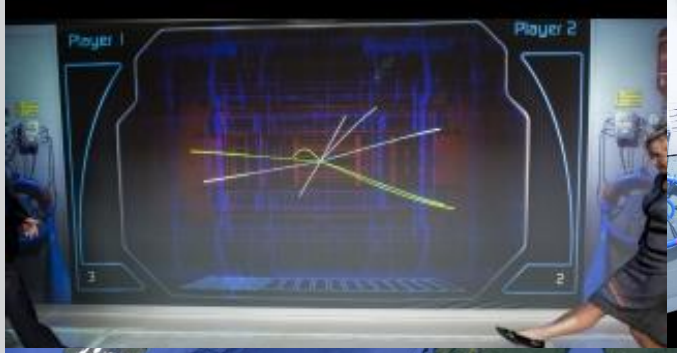




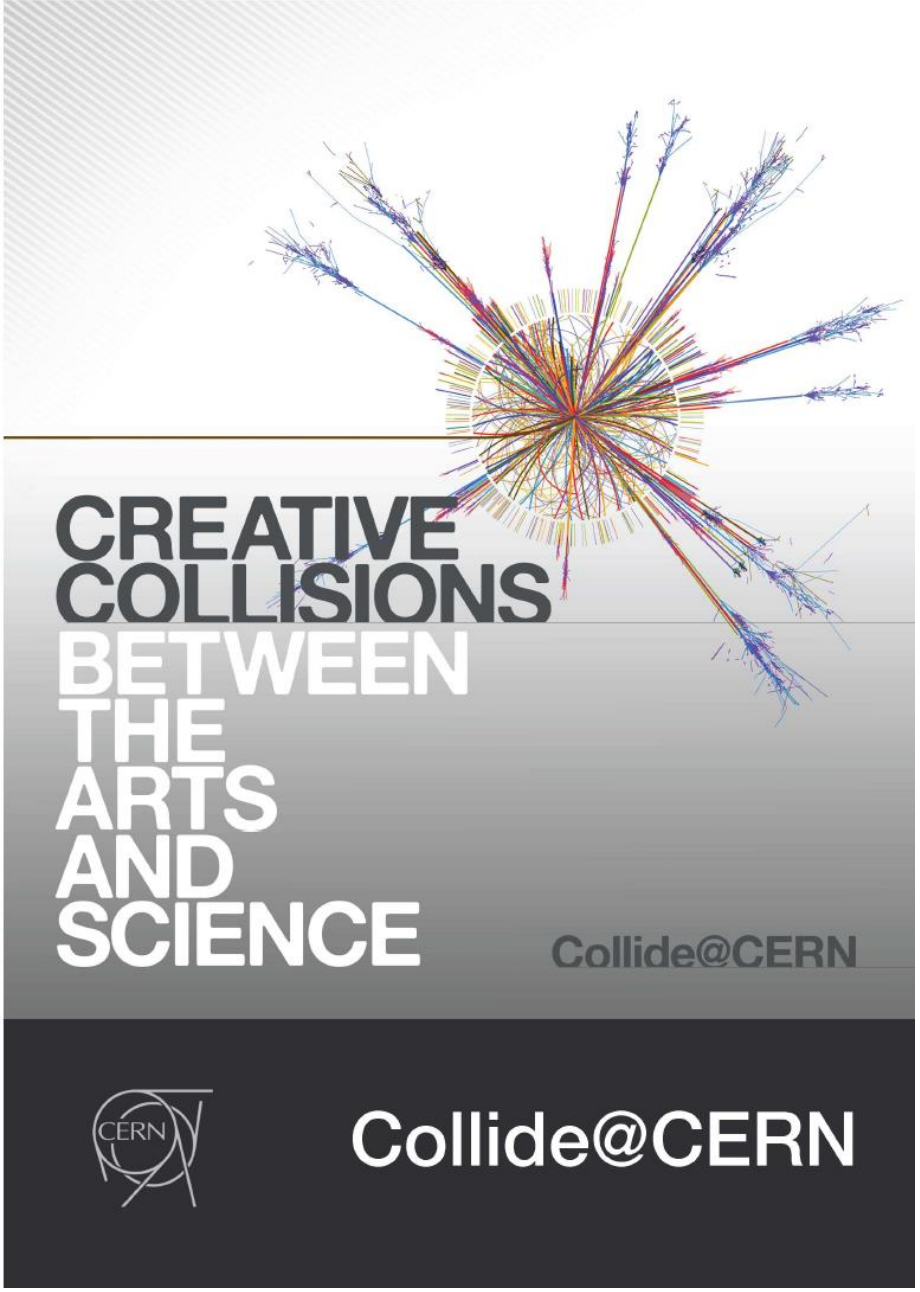








CERN in Images • LHC Interactive Tunnel



Collide@CERN – 3 months residency • since 2011

- explores elements even more elusive than the Higgs Boson: human ingenuity, creativity, and imagination
- competitive open calls - fully funded residency

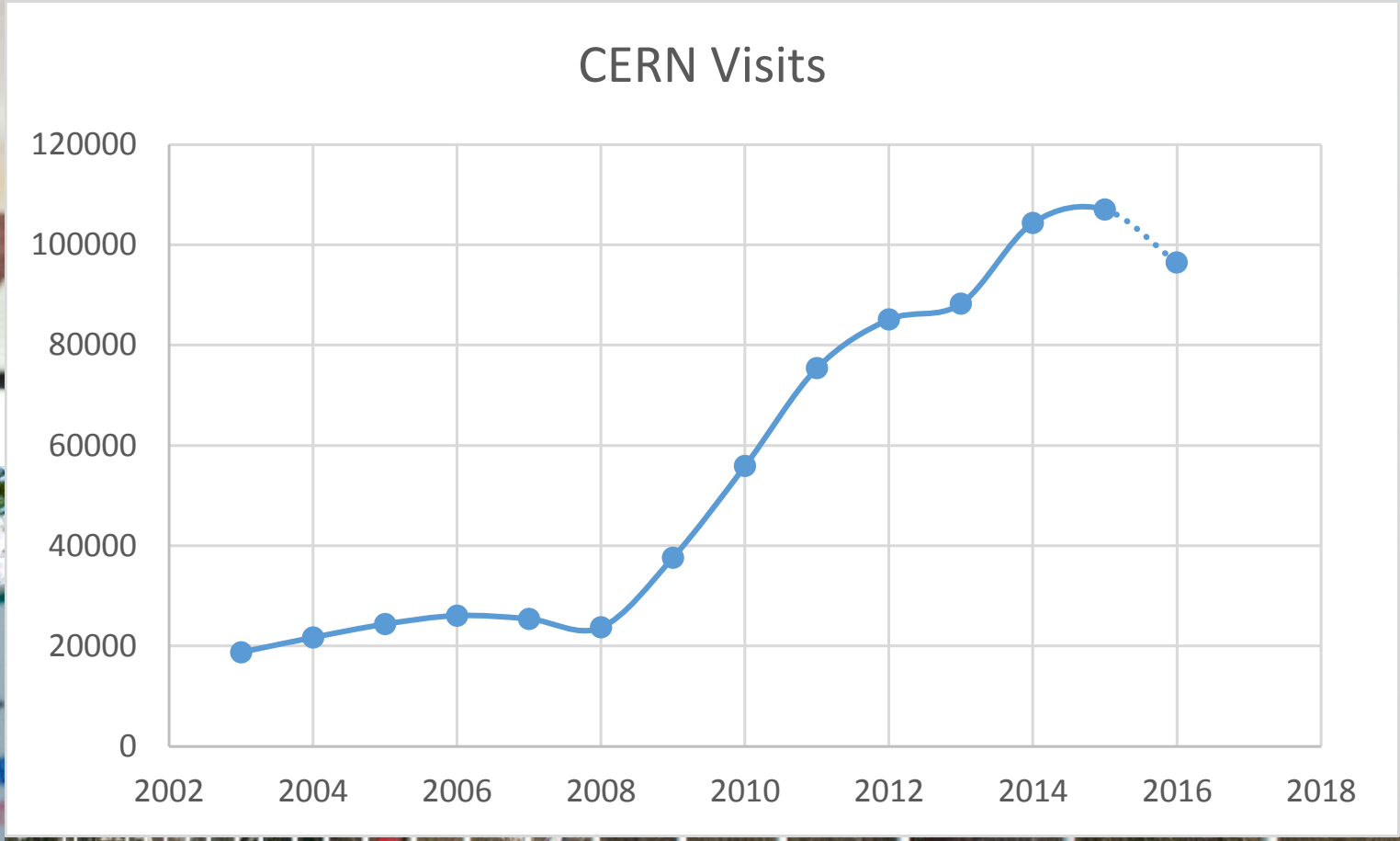
Accelerate@CERN – 1 month residency • since 2014

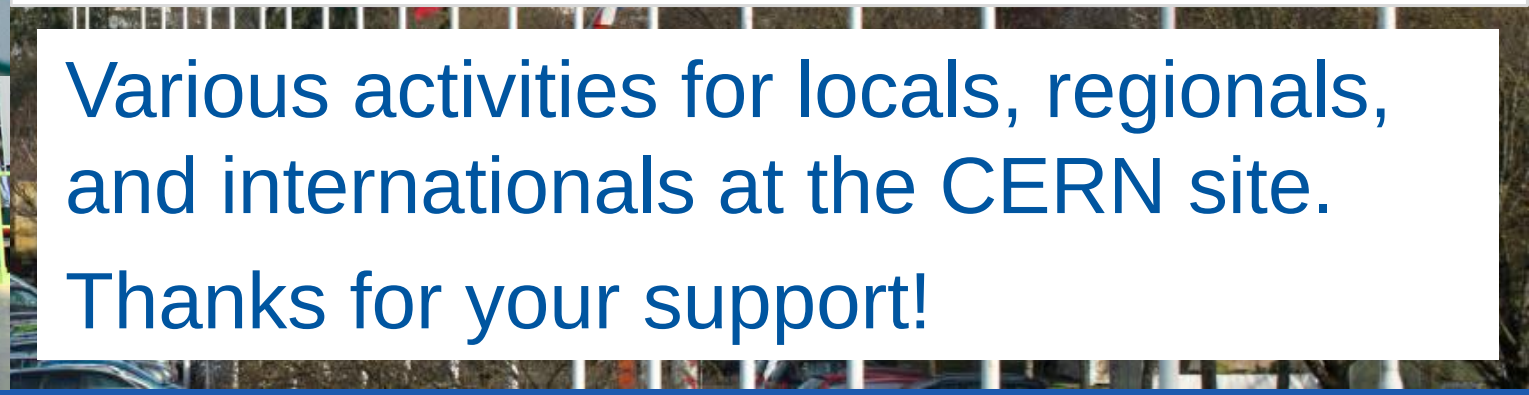
- two artists from two different countries
- in cooperation with partner countries (e.g. Austria, Taiwan, Lithuania, UAE)

Visiting Artists programme – 1-2 days CERN visit

- up to 12 artists are invited on self-funded tours
- programme fully booked until 2017

Arts@CERN – Science & Art meet in three Ways





Various activities for locals, regionals, and internationals at the CERN site.

Thanks for your support!

Visiting CERN • Local Engagement

CERN Teacher Programmes

National Teacher Programmes | International Teacher Programmes | Contact

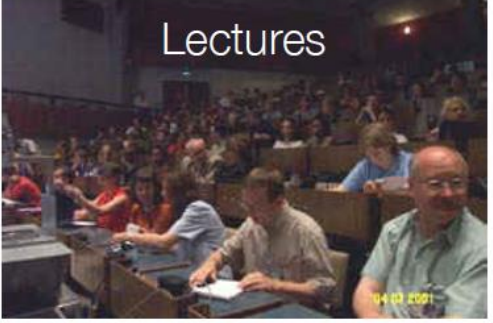
“There is nothing more enriching and gratifying than learning.” [Fabiola Gianotti, CERN Director-General]

Every year, CERN offers various professional development programmes for teachers to keep up-to-date with the latest developments in particle physics and related areas, and experience a dynamic, international research environment. All programmes are facilitated by experts in the field of high energy physics and include an extensive lecture and visit itinerary.

Furthermore, CERN’s teacher programmes enable you to meet with teaching colleagues from your country or from all around the World. We offer teacher programmes in English or in one of the national languages of CERN Member States, lasting between 3 days and 3 weeks. Take part!

National Teacher Programmes & International Teacher Programmes

Teacher Programmes



National Teacher Programmes in the language of the country | 4-6 days

focus on visits and lectures

International Teacher Weeks in English | *2 weeks*

new starting in 2017

focus on visits and lectures

International Teacher Programme “HST” in English | 3 weeks

focus on collaboration

Teacher Programmes


S'Cool
LAB
There is always a way to do it
better... find it!
If you can't explain it simply,
you don't understand it well enc

What is S’Cool LAB?

S'Cool LAB

HANDS-ON PARTICLE PHYSICS LEARNING LABORATORY

For high-school students and teachers
International audience from more than 20 countries
Independent experimentation in small groups

200 m^2 MODULAR LABORATORY SPACE AT CERN

State-of-the-art IT equipment incl. videoconferencing
Showcase for experiments for schools linked to CERN's scientific programme and technologies

TEST BED FOR PHYSICS EDUCATION RESEARCH

Development and evaluation of student activities accompanied by research in physics education

Aims of S’Cool LAB

Make CERN’s physics and technologies understandable to students through hands-on experimentation

Give insights into the working methods, technologies, and research of the world's largest particle physics laboratory

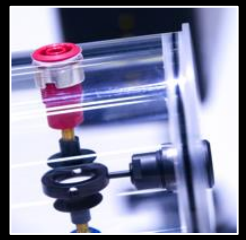
Experiments

Particle Acceleration

electrons & electric fields

supercon-ductivity

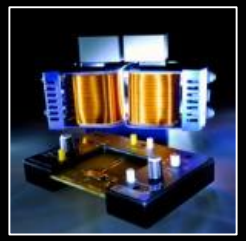
electrons & magnetic fields



particle traps

Basics & Applications

HALL effect



FRANCK-HERTZ experiment

PET

RUTHER-FORD experiment

PLANCK's constant

X-ray machines

Particle Detection

cloud chambers

scintillation detectors

pixel detectors (MEDIPIX)

ionisation chambers

… and many more to come

Education, Communication, and Outreach

Services

CERN Service Portal

easy access to services at CERN

Search: photo

Home | News | Service Information | Navigate Catalogue | Contacts | Site Guide

Contacts

Audiovisual Productions Service
audiovisual-requests@cern.ch
Location: 510/R-035
Postbox: J19200

Catalog navigation

- Knowledge, Scientific Information, Text and Media
  - CERN Official Communication
    - **Audiovisual Production Service**
    - CERN Core Website and Social Media Services
    - CERN Graphic Design Guidelines Service
    - CERN Writing Guidelines Service
    - Special Event Coordination

Audiovisual Production Service

The Audio Visual Production Service is part of the Education, Communications and Outreach Group (ECO) within the International Relations Sector (IR).

Its main mission is to produce engaging visual products (photos, videos, Video News Releases VNR, film, slideshows, photo-stories, live broadcasts....) in line with CERN's education, communication and outreach priorities for a variety of target audiences (general and specialized).

Another important mission of the Service is to document milestones of CERN's life, people and history with photography and video, for archival purposes.

The Service also supports other Sectors with professional expertise in video/photo production.

Actions

Request Audiovisual Production request form

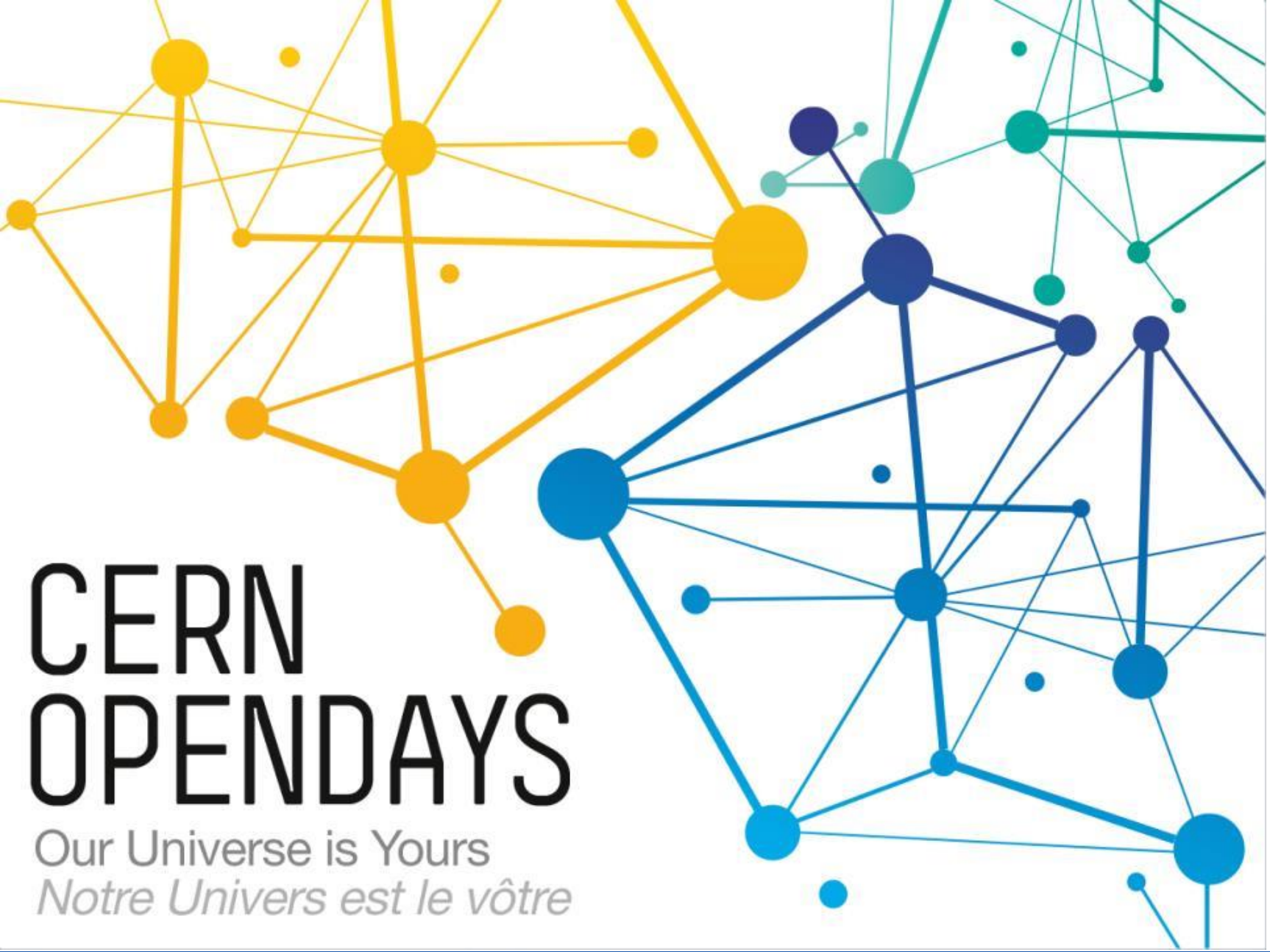
Audiovisual Production Service

International Relations

Protocol

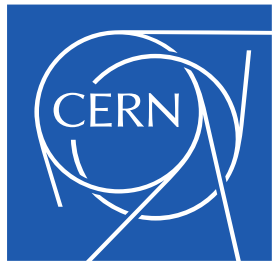
… a very special visits service …

Create a
Memorable
Moment



- two “big” outreach events coming up these years
- OpenDays in 2019 during LS2 (May or October)
- one new event format in 2017 ***stay tuned!***

Big Outreach Events … on the Horizon



www.cern.ch