

Impact on education and outreach

Status: document now contains general description of

- Outreach activities in CHIPP
- International networks
- Education at university level
- Support of young talents

Goal of the workshop: input for/ discussion on

- Benefits to society
- Sustainable developments goals (SDGs) and citizen science

Next weeks

- List of activities – no details and not complete
The list should give an overview on the diversity of the outreach activities

Outreach activities

Targetting a broad audience, showing the diversity – no complete list of ongoing activities

- Visits to CERN: audience diverse
- Talks to general public
- Teacher education: education at institutes, CERN teachers programme more
- New media: YouTube channel on pp, www.un-resolved.com
- Science events for the general public and large audience - Scientifica, Nuit de la Science, Nacht der Forschung
- Special days: dark matter day

Targetted to high school students

- Masterclasses (CERN, IceCube)
- school labs

Service to society

- Link to section 10
- Benefit of fundamental research for society
- Education: most of the PhD leave academia --> bring their knowledge and the collaborative spirit to industry
- Culture of collaboration: international, democratic, working for a higher common goal
how to collaborate across borders
- Open Access
- Long experience with working together virtually
- Link to sustainable developments goals where possible

Next steps

- Write remaining sections with preliminary list of activities in outreach and education
- Ask for input:
 - outreach
 - citizen science
 - collaboration with museums
 - education

Backup

International context

- International Particle Physics Outreach Group IPPOG collaboration
- European Particle Physics Communication Network (EPPCN)
- Astroparticle physics outreach, APPEC European Consortium

Support of young talents

From high-school to early career

- Masterclasses
- Internship at CERN
- Internship in institutes
- Coaching/Mentoring
- CERN summer students
- Early career support
- ...

Impact on education and outreach

(2-6 pages)

- How is your research positively impacting on education and society?
- What are the benefits of the pursued research? Is your field offering a service to society (e.g. health, meteorology, agriculture, environment, energy, hazard warning, etc.)?
- Is there a link with the politics, do you provide advice for political decisions?
- Do you have links with museums and scientific collections?
- Do you support the promotion of young talents in your field?
- Do you have outreach activities?
- Is there something to say in relation with the sustainable developments goals (SDGs) or with possible citizen science?]