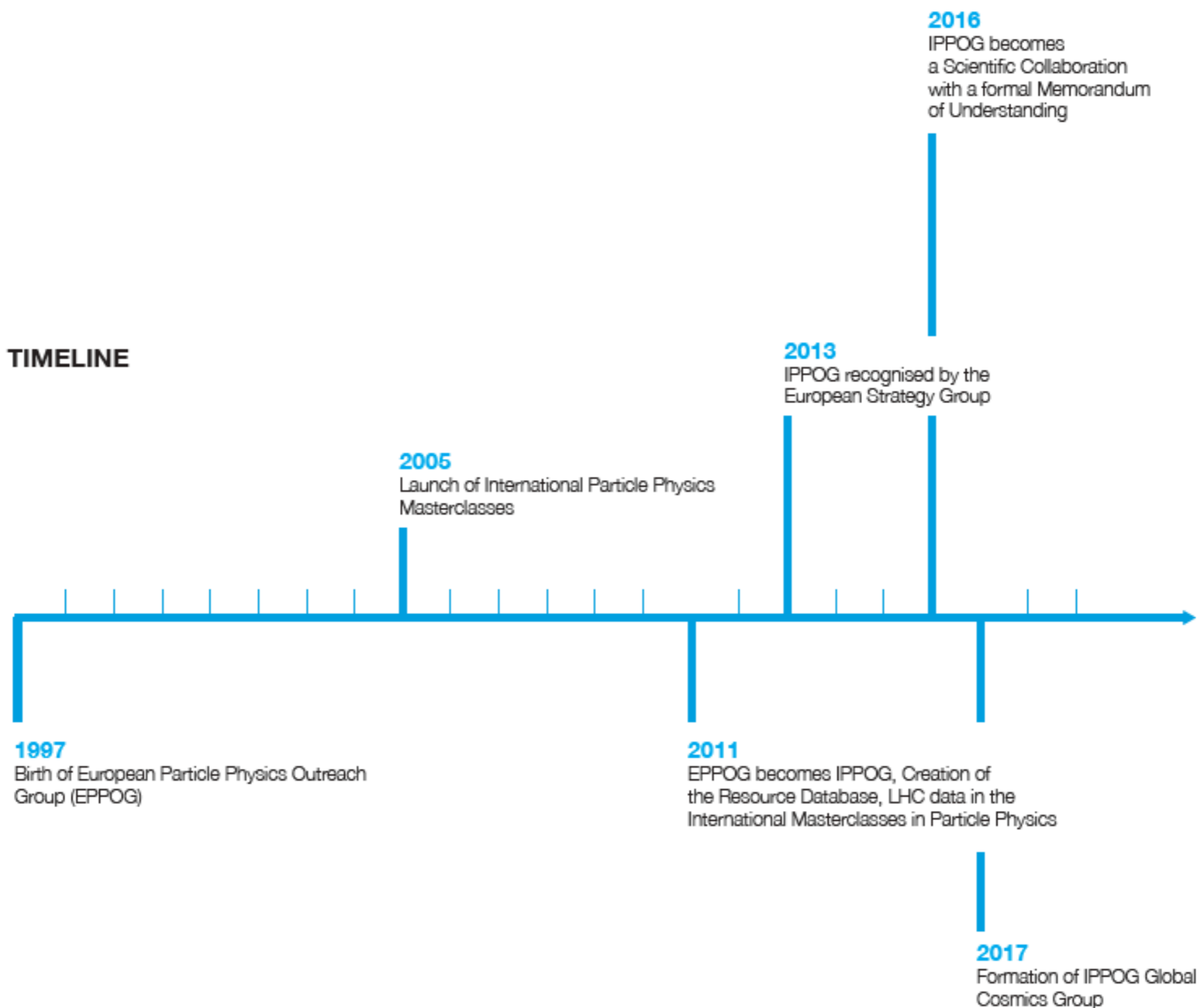


International Particle Physics Outreach Group (IPPOG) Report



- Brief history: started as a network called the European Particle Physics Outreach Group (EPPOG) in 1997.
 - Sweden represented in the network through Fysikersamfundet.
 - Tightly connected to CERN in the beginning, changed name to IPPOG a couple of years ago to reach out worldwide.
 - Has expanded to cover much more than accelerator physics, in particular strong activities in cosmic ray (astroparticle) physics outreach.
- Transformed from a network into a formal collaboration three years ago, with membership fees.
 - Members can be countries, laboratories or experiments.
 - Fees are low (1 kEuro/year), **medium (3k)** or large (5k), depending on the GDP and the size of the community.
 - This allows to go from ideas to action, to have the means to produce material and pay for critical organisational support.
- Meet twice a year for 2.5 day long, intense, meetings.
 - Our spring meeting was planned for Montenegro, but naturally had to be moved to a virtual meeting. Next (virtual) meeting next week, Dec 2-4.



	Signing Organisation	Country/Lab/Experiment	Date signed
1	NIKHEF	Netherlands	22 Sep 2016
2	DESY for KET	Germany	23 Sep 2016
3	Physics Department of University of Oslo	Norway	21 Oct 2016
4	LIP	Portugal	1 Nov 2016
5	The Section for Elementary Particle and Astroparticle Physics of the Swedish Physical Society through the Swedish LHC Consortium	Sweden	1 Nov 2016
6	CHIPP	Switzerland	4 Nov 2016

⋮

- Three nations are close to finalising their membership signatures:
 - Bulgaria, Israel and South Africa.
 - Also DESY joined as an associate member to Germany during our last meeting (member but without voting rights).

- While the membership fee is very small, it is a problem that the section for elementary particle- and astroparticle physics does not have any funds (nor possibilities to apply for funds).
 - Also all support for outreach and “third mission” has been stripped from the LHCK grant.
 - So far, has had to come up with ad hoc solutions every year to find the money for the membership fee. Problem is solved for the next few years, but a steady source of funding needed.
 - Continue to raise this issue in communication with VR. It is not natural to depend on the universities to fund outreach and societal exchange related to national and international research infrastructures.
- Would it be useful to create an informal network for outreach in Sweden (similar to other countries), which could then coordinate both outreach activities and policy work? [coffee break discussion?]
 - Personally find it very important that funding for outreach and interaction with society (and our research infrastructures) is reinstated and it receives higher importance in evaluating our work.

Original Plan for IMC20

New!

LHC Masterclasses

275 MCs with CERN VC

- 128 ATLAS
- 66 CMS
- 43 LHCb
- 38 ALICE

50 MCs with Fermilab VC

- 35 CMS
- 15 ATLAS

3 MCs with TRIUMF VC

MINERvA Masterclasses

18 MCs,
7 VCs

Belle II Masterclasses

14 MCs,
3 VCs

Hadron Therapy Masterclasses

24 MCs,
5 VCs

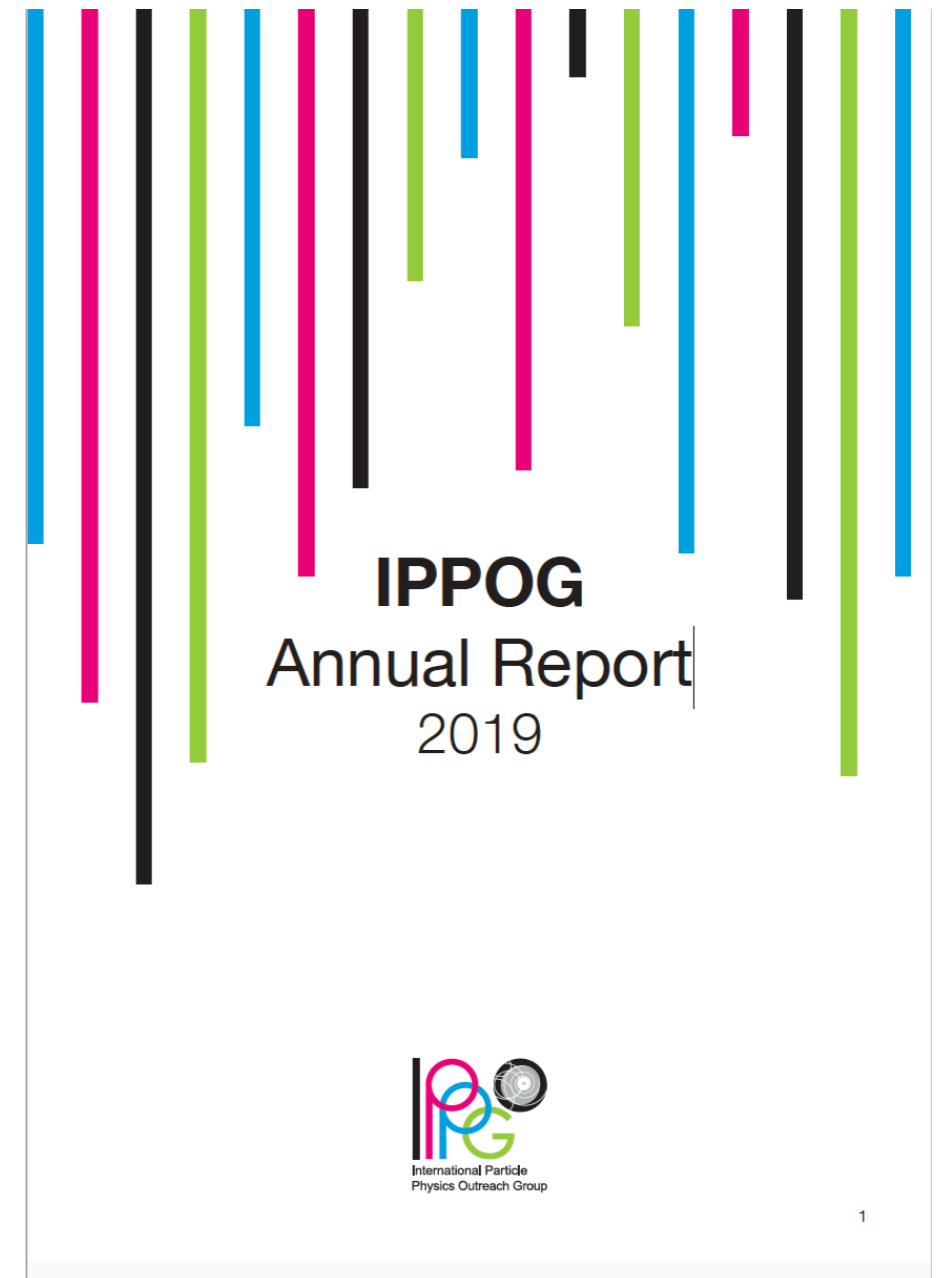
more than 10,000 students participate

All videoconferences suspended by March 18!

CERN program (started earlier): 25 % completed
All other programs: < 20 %

- Also the World Wide Data Day (W2D2) and activities on the International Day of Women and Girls in Science.

- Put together an annual report on our activities for the first time this spring.
 - 26-page report, detailing the IPPOG history, vision and activities during the last year.
 - Presented to the CERN council.
- As a complement to the annual report, we also created a Members Representatives report.
 - One-page reports about activities during the last year in the member states.
 - Need your help with content for this! Please contact me if you have something you want to highlight in the next report.



- As with most things the last year, real-world outreach activities have largely been cancelled this year.
 - But there has been an increased activity in digital outreach material created, for example short videos and YouTube talks.
 - The IPPOG web page should be the central resource collecting these, something I will bring up in the IPPOG meeting next week.
- Basically all major conferences now have outreach sessions, and the ICHEP conference in summer this year had four(!) sessions of outreach talks in the schedule.
 - Since ICHEP was virtual and the sessions recorded, everyone should have a rather unique opportunity to follow what was being discussed.
- While it is good that more digital material is being created, like everyone else we still cannot wait for life to get back to normal!