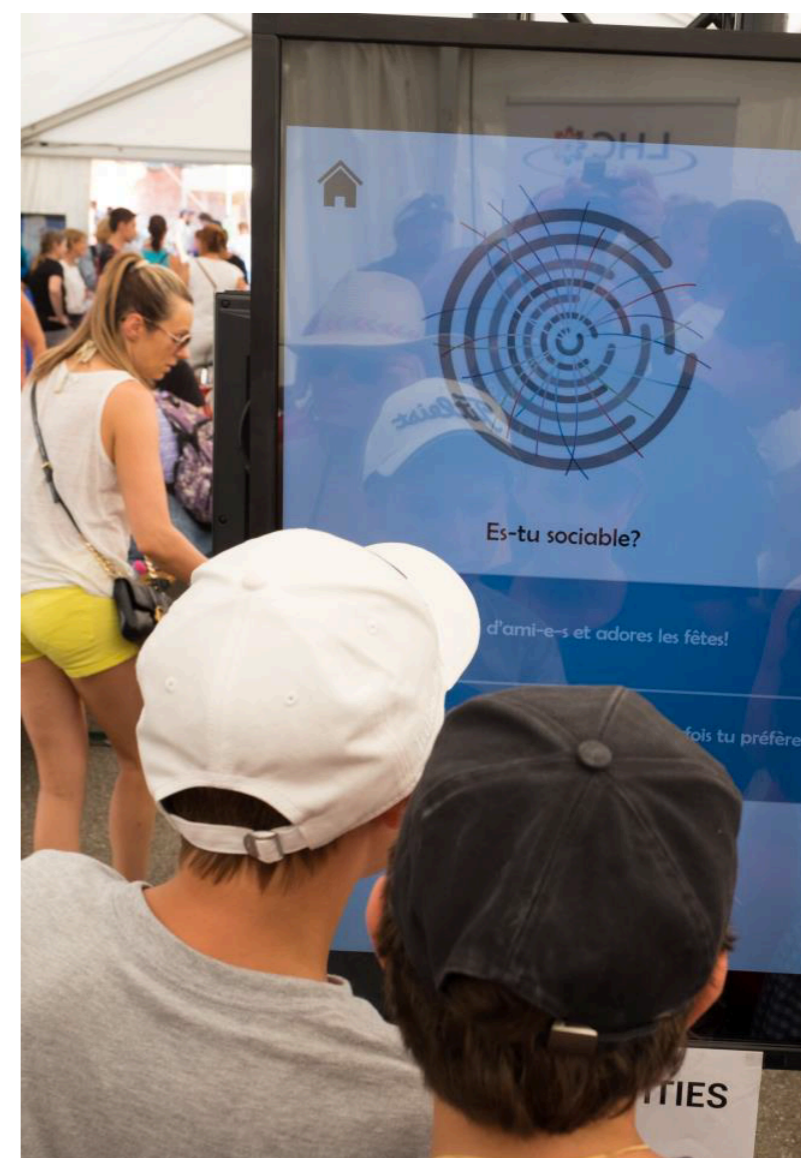


International Particle Physics Outreach Group (IPPOG) Report



- **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 four 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.**
 - Since last Particle Days, we had a meeting in Montenegro last month.

- First in-person meeting (or hybrid rather) since the start of the pandemic.
- Some highlights:
 - Report from working groups. Newly started diversity and inclusion working group.
 - News on the resource database development.
 - Talks on new outreach developments, for example “I’m a scientist - Get me out of here” [escape room on particle physics, plans to set that up at CERN for events eventually].



By Louie Dartmoor

What's new since November?

- Communication with copyright experts. Book will be released under CC BY-NC-SA 4.0 license.
- Advice from other IPPOG experts, eg CE /UKCA certification logos **Thanks IPPOG!**
- Communication with CERN library: registered for ISBN **Thanks IPPOG!**
- Communication with CERN Store: Have agreed to stock copies! **Thanks IPPOG!**
- Project co-funded by IPPOG/ATLAS **Thanks IPPOG!**
- Exposure: abstracts accepted for LHCP (poster) and ICHEP (parallel talk). **Thanks IPPOG!**
- **ATLAS Outreach and IPPOG support have been critical!**

Thanks IPPOG!

[Back page!](#)

Grow your own genius with your baby's first foray into the colourful and intriguing world of particle physics. Watch them discover quarks, leptons and bosons, the Large Hadron Collider, particle detectors and collisions at the speed of light. The book comes with downloadable captions and a handy QR code so you can share the secrets of the universe with authority.

Developed and produced with the kind support of ATLAS and IPPOG



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To Nora, thank you for being the inspiration for this book.



For more information and explanations, visit
louiecorpe.com/pp4b



Scan
Me!

- We had a first “national” meeting on outreach in January this year, which was vary useful and which we should do again.
 - The problem is then to find the time to carry out the grand plans, which was evident that it would be a problem already in January.
 - With in-person outreach events happening again, this is a good time to get together to plan for events!
- IPPOG is also putting together a yearly report on the activities in the various countries, unfortunately this year we did not manage to put together a report for Sweden.
 - Please for next year, do outreach and take pictures! This is a note to myself as much as anyone :)
- We have one example of a new (I think) outreach activity in Sweden though, see next slide.



ICECUBE MASTERCLASS

AN AUTHENTIC ASTROPHYSICS RESEARCH EXPERIENCE

From Chad Finley

Hosted by SU & UU

Afternoon of 2022 May 3 – online
3 schools, 20 students, 5 teachers

Mixture of talks about astroparticle physics
and six interactive activities (in break-out rooms) learning
steps in an analysis to identify “1-in-billion” events that
are astrophysical neutrinos.

Feedback very positive. Maybe in-person version next
year

