



As the year draws to a close, it's a wonderful moment to reflect on the milestones we've achieved and the dedication that has driven our accomplishments over the past months.

We extend our heartfelt gratitude to our global community for their collective efforts and commitments.

Wishing you a joyful and peaceful holiday season!

Beamline for Schools 2025

The Beamline for Schools (BL4S) 2025 competition is now open, inviting high school students from around the world to submit their proposals for particle physics experiments! Organized by CERN in Geneva and DESY in Hamburg, this unique opportunity allows students to design experiments to be conducted at a beamline, a key part of a particle accelerator. The top three teams will win a trip to CERN or DESY to bring their experiments to life at a fully-equipped beamline.

More info: <https://beamline-for-schools.web.cern.ch/index.php/>



International Masterclasses

In 2024, the International Masterclasses brought together students worldwide to explore particle physics. During this period, 95 Masterclasses were held, showcasing the program's global reach and educational impact.

The next edition is scheduled to take place from 24 February to 11 April 2025.

For more information, visit ippog.org.

Global Cosmic Day

The Global Cosmic Day (ICD) continues to inspire young minds across the globe, connecting over 100 groups from schools, universities, and research institutions across 24 countries. Held on 26 November 2024, this 13th edition allowed students to step into the shoes of researchers, exploring the mysteries of cosmic particles through hands-on experiments, engaging in 14 global video conferences, and collaborating in a truly international environment.

DESY, in collaboration with IPPOG and many national networks and partners, has coordinated this initiative, offering tools like the Cosmic@Web platform to enable remote participation and data analysis, ensuring inclusivity and accessibility.

Discover more about the ICD and its impact in this wonderful article from Symmetry Magazine: [Students Become Scientists on International Cosmic Day](#).

IPPOG flyers

IPPOG has released two new flyers, each highlighting key aspects of our mission and resources. The "Resources" flyer provides an overview of the educational tools and materials available on the IPPOG website, designed to support particle physics education and outreach globally. The "Join Us" flyer invites institutions and individuals to become part of the IPPOG network, outlining the benefits and opportunities of being actively involved in promoting public engagement with particle physics. Both flyers can be accessed [here](#).

News from the IPPOG Collaboration

In 2024, five of the laboratories, countries and experiments nominated their new representative:

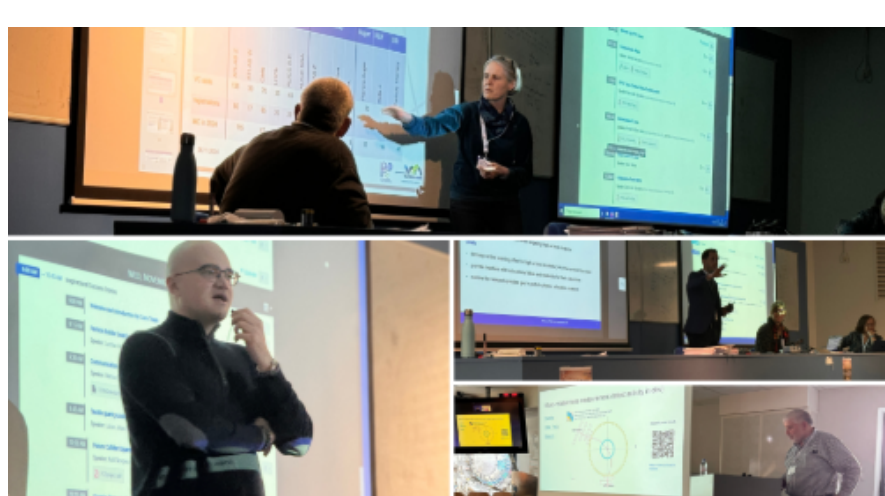
- CERN: Sascha Schmeling
- DESY: Christian Schwanenberger
- Hungary: Balázs Ujvári
- Italy: Ezio Torassa
- LHCb: Federico Leo Redi

The Collaboration wants to thank the former representatives who have accompanied us over the past years.

We also had the pleasure to welcome new forum members.

The updated list of the IPPOG forum and representatives is available [here](#).

28th IPPOG meeting



The 28th IPPOG Meeting took place on November 25-27, 2024, at CERN. It was an event full of inspiring projects and wonderful ideas.

You can find more information on our website: ippog.org

We inform you that the next 29th IPPOG meeting will be held at Fermilab from May 13 to 16, 2025.

Stay tuned and don't miss the next newsletter for more details!

