



International Particle
Physics Outreach Group

Working Groups Update

17th IPPOG CB meeting



Action Items

Several actions were taken in 2024 to strengthen the IPPOG Working Groups:

- Creation of the “Tapas” (see presentation Tuesday)
- Improvements of the groups pages on ippog.org (in particular to credit contributions)
- Proposal of a new meeting format (see presentation Tuesday)

However, 3 groups experience difficulties:

- Explaining particle physics to a lay audience / the public: lost Thomas
- Diversity: never really took off
- RDB: needs restructuring and a real push

Therefore, we propose 3 endorsements and 1 vote



Explaining PP to the Public

Endorse Pedro Abreu as interim Convener.

With the task to reach an internal consensus on the objectives of the group, and a strategy to either complete or drop the “Tapas” series.

New conveners will be elected during the 2025 Spring meeting

Particle physics to the public

A set of short notes proposed by the IPPOG Working Group: Explaining Particle Physics to the Public



01 July, 2024

Precision counts

Often precise observations trigger breakthroughs in science and radically change our view of the world. The Standard Model of particle physics describes most phenomena of microcosm to a precision of better than a per mil. It leaves, however, many important questions open. - By Thomas Naumann



01 July, 2024

We enter the scalar era

For the first time in the history of physics we go from studying fundamental vector fields of forces to fundamental scalar fields which do not mediate forces. Some physicists argue that all these scalar fields are somehow connected with each other. - By Thomas Naumann

Tapas link: https://ippog.org/particle_physics_to_the_public

Working group link:

<https://ippog.org/for-ippogers/explaining-particle-physics-public>



Diversity, Inclusion & Accessibility

Endorse Steve Goldfarb as interim convener.

With the mandate to explore if this group can be revived or if it should simply be put on hold for now.

If Steve's recommendation is to continue, new conveners will be elected during the 2025 spring meeting



FOR IPPOGers

Diversity WG

Mandate

The goal of the Diversity WG is to improve accessibility of material and methods for particle physics education, outreach & communication. It works with existing office and groups to help make particle physics field more accessible

Conveners

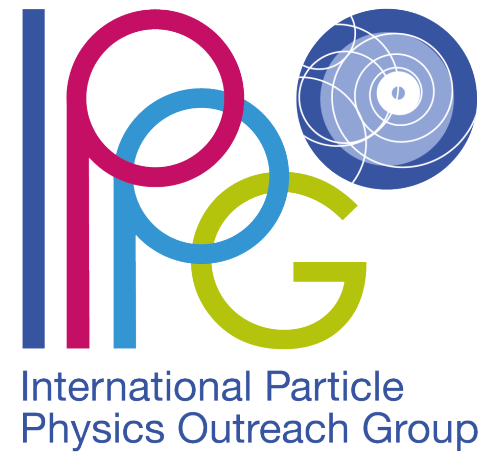


Gwenhaël De
Wasseige



Anja Kranjc Horvat

**Anja left CERN,
Gwen had to reduce her activity due to personal reasons**



Resource Database & Web Portal Curation

Endorse Claire Adam as interim convener.

With the mandate to setup an initial steering group, reach consensus on 2025 priorities and test the implementation on the upcoming CERN Wordpress infrastructure with a student.

The situation will be reviewed during the 2025 spring meeting.

Vote:

On the transformation of this working group into a 3rd IPPOG Activity, i.e

Creation of a steering group

Commitment and support from the collaboration at the same level as the two current Activities (IMC & Global Comics), via in-kind contributions, partnerships and students.

Identification of goals, priorities, and responsibility for their implementation on the upcoming CERN wordpress infrastructure.