The **International Particle Physics Outreach Group** (IPPOG, http://ippog.org/) is a network of scientists, science educators and communication specialists working across the globe in informal science education and outreach for particle physics. Its goal is to bring new discoveries in this exciting field to young people and to convey to the public that the beauty of nature is indeed becoming understandable from the interactions of its most fundamental parts - the elementary particles.

The Group participates in the universal effort to strengthen (i) the cultural knowledge, (ii) the understanding of particle physics and of relevant sciences and (iii) the creation of a new generation of researchers through the development of scientific education and outreaching.

The members of IPPOG come from recognised laboratories and institutions, they act as links with the corresponding national groups and they all are passionate with particle physics.

There are 39 members in IPPOG, more specifically 32 countries, 6 experiments and CERN as an international laboratory. There are also 2 associate members.

The Greek Society for the Study of High Energy Physics participates in IPPOG, right from its creation, through the Greek Outreach Group.

Among the activities of the Greek Outreach Group we note:

- Seminars to high school students and teachers as well as talks to open public.
- Website with many articles (in Greek) and several software (www.physics.ntua.gr/POPPHYS).
- Participation in international outreach programmes (EINFORCE Citizen-Science EU, https://www.zooniverse.org/projects/reinforce/new-particle-search-at-cern).
- Production of software where students use real data from CERN experiments to get interesting results (Hypatia, http://hypatia.phys.uoa.gr/).
- Participation (from 2005, Year of Physics) in the annual international Master Classes in Particle Physics. During these one-day events, students follow a number of introductory lectures on particle physics and, using suitable software, they analyse real events from experiments and they (re)discover new particles (https://physicsmasterclasses.org/, http://physics.ntua.gr/MC_2022/).