

# Current Status of International Particle Physics Masterclasses

*Tuesday, July 28, 2020 3:50 PM (20 minutes)*

Until recently, the International Masterclasses (IMC) in Particle Physics have been based on hands-on analysis of data from the four big LHC experiments. During the last years there has been a spectacular broadening in the physics scope of particle physics masterclasses, now including measurements with Belle II data, with data from neutrino experiments and a newly proposed masterclass on searches for dark matter. In addition, a particle therapy masterclass has been developed, in order to highlight some of the benefits for society from the technology developed for particle physics research. In parallel to extending the physics scope, IPPOG is making efforts to extend the geographical reach of masterclasses, and it is encouraging to see new institutes and countries joining each year. The IMC programme is the flagship activity of IPPOG, the International Particle Physics Outreach Group.

## I read the instructions

## Secondary track (number)

**Author:** HATZIFOTIADOU, Despina (Universita e INFN, Bologna (IT))

**Presenters:** BILOW, Uta (Technische Universitaet Dresden (DE)); CECIRE, Kenneth William (University of Notre Dame (US))

**Session Classification:** Education and Outreach

**Track Classification:** 15. Education and Outreach