



CMS Masterclass at CM<P 2021



It is a time of exciting new discoveries in particle physics at first in Ukraine!!!

In this Masterclass, you will discover the beauty of the Universe, find the answer to the mystifying phenomena, that scientist observed at the CMS Experiment at CERN's Large Hadron Collider (LHC) located near Geneva. You will have an access to data of the real experiments and discover the particles produced when two protons accelerated to as much as 6500 times the energy equivalent of their mass at the LHC and collide in the center of CMS detector (Compact Muon Solenoid).

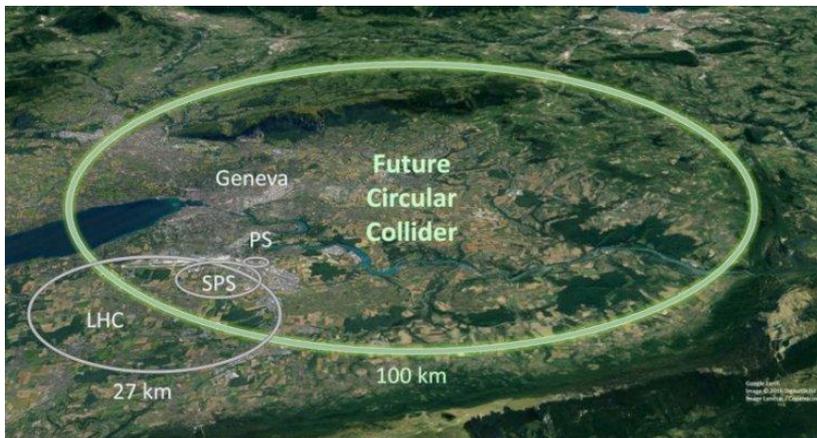
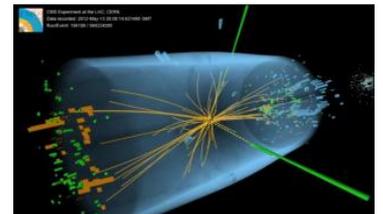
Link for the event program: <https://indico.cern.ch/event/1040342/>

Registration

to the event: <https://forms.gle/uaCgZW5pVKPh8xdV7>

Organizers: International Particle Physics Outreach Group
and Ukrainian team of CMS Masterclass.

Start : at 10 June 2021, 14:00 at Zoom online
and in the Conference Hall of the B. Verkin ILTPE of NASU
(47 Nauky Ave., Kharkiv, 61103, Ukraine).



[Story of the Universe](#)

[Higgs Boson](#)

[What is the Universe made of?](#)

[Do we really live in only three dimensions?](#)

[How did matter form?](#)

[What and where is antimatter?](#)

[Are there more particles left to find?](#)