

INTERNATIONAL PARTICLE PHYSICS MASTERCLASS

Thursday 25th March 2026, 09:00 – 16:30
Institute for Particle Physics Phenomenology,
Durham University

09:00 – 09:15	Registration
09:15 – 09:45	Particle Physics Card Game
09:45 – 10:15	What is the world made of? An introduction to Particle Physics
10:15 – 10:45	Why Neutrinos Matter? An introduction to neutrino physics and its detection
11:15 – 11:45	How we conduct a Neutrino Measurement? Introduction to the hands-on activity and MINERVA neutrino detector
13:00 – 15:00	Hands-on activity Working with the existing MINERVA data: be an experimental physicist for a day
15:00 – 16:00	Share your Findings with Fermilab Scientists Video conference with Fermilab, USA
16:00 – 16:30	Farewell

The Organizing Committee:
Arturo De Giorgi, Aidin Masouminia, Dhruv Pasari, Jessica Turner

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