

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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