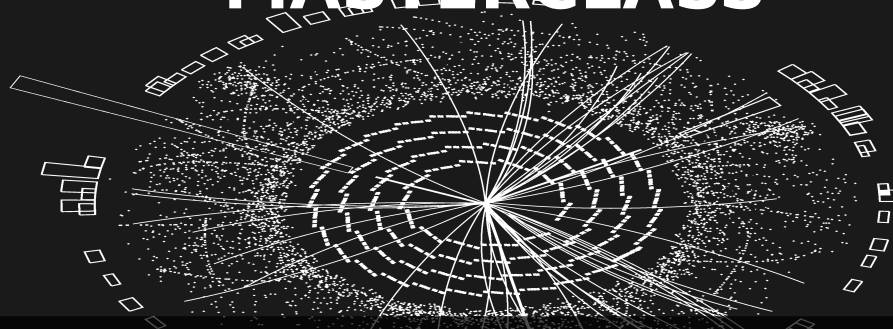




INTERNATIONAL PARTICLE PHYSICS MASTERCLASS



Thursday 22nd March 2018, 09:30 - 16:00
Institute for Particle Physics Phenomenology, Durham University

09:00 - 09:30	Registration
09:30 - 09:35	Welcome
09:35 - 10:10	What are we made of? An introduction to Particle Physics Daniel Maitre
10:10 - 10:45	A journey into the Large Hadron Collider What is a particle accelerator? Raquel Gómez-Ambrosio
10:45 - 11:00	————— BREAK —————
11:00 - 11:45	The Z-boson at the ATLAS experiment How do we discover new particles? Andrew Cheek
11:45 - 12:45	————— LUNCH BREAK —————
12:45 - 14:45	Hands-on activity
14:45 - 15:00	————— BREAK —————
15:00 - 16:00	Sharing your findings Videoconference with five other institutions
16:00 - 16:10	Farewell