

IOP 2013 - HEPP & APP Group Meeting

IOP Institute of Physics **2013** High Energy and
Astro Particle Physics

Monday, 8 April 2013 - Wednesday, 10 April 2013

University of Liverpool

Scientific Programme

The programme for this meeting will encompass activities in both High Energy and Astro Particle fields as well as discussing the synergies between them. Talks will include the latest results from the LHC, up to date reports on neutrino, charged lepton and quark flavour physics, Dark Matter searches, nuclear astrophysics, gravitational waves, and a topical review of early cosmic ray discoveries.

There will be plenary talks on the following subjects:

Collider Phenomenology

Standard Model Results from CMS & ATLAS

Beyond the Standard Model results from CMS & ATLAS

Intensity Frontier Experiments

LHCb & B Factories

Accelerators for the Intensity and Energy Frontier

Latest Results from the Tevatron

Gravitational Waves

Nuclear Astrophysics

Hadronic Interactions Beyond the LHC

CTA

Dark Matter Experiments

Early Cosmic Ray Physics

BSM Particle and AstroParticle Theory

Flavour and Neutrino Theory

Neutrinoless Double Beta Decay

Latest Results from Neutrino Experiments

Plenary - PP Experiment, LHC GPDs

Plenary - PP Experimental, Flavour, Neutrinos, Dark Matter

Plenary - Theory and Future

Plenary - APP Experimental

Plenary - Future of the Programme

Parallel Track 1

Parallel Track 2

Parallel Track 3

Parallel Track 4