

IoP Joint HEPP and APP Meeting 2012

Monday 2 April 2012 - Wednesday 4 April 2012

Queen Mary, University of London

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