

Modelling Beyond Standard Model Physics

Knowledge Exchange event organised by the ERC Project

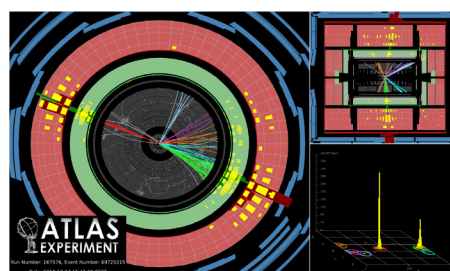
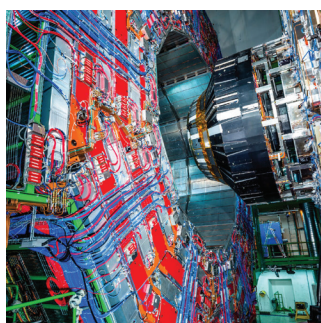
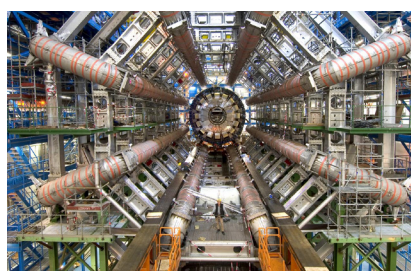
Perspectival Realism: Science, Knowledge and Truth from a Human Vantage Point

Thursday 13 April 2017 | 10 am

The Royal Society of Edinburgh

22–26 George Street | EH2 2PQ

Join philosopher of science Michela Massimi, and the European Organisation for Nuclear Research (CERN) physicists Alan Barr, Jon Butterworth, Tiziano Camporesi and Monica D'Onofrio at the RSE for a half-day workshop dedicated to some of the methodological challenges, philosophical implications and experimental prospects in the search for Physics Beyond the Standard Model at CERN Large Hadron Collider (LHC)



Open to all and free to attend – register online at: www.theRSE.org.uk

For further details contact the RSE Events Team:

Telephone: 0131 240 2780, Email: events@theRSE.org.uk



European Research Council
Established by the European Commission



European
Commission

Horizon 2020
European Union funding
for Research & Innovation

This event is part of a project that has received funding from the European Research Council (ERC) under the European Union's Horizon 2020 research and innovation programme (grant agreement European Consolidator Grant H2020-ERC-2014-CoG 647272 *Perspectival Realism*)

The Royal Society of Edinburgh, Scotland's National Academy, is Scottish Charity No. SC000470

Modelling Beyond Standard Model Physics

PROGRAMME

13 April 2017

This Knowledge Exchange event is a half-day workshop dedicated to some of the methodological challenges, philosophical implications and experimental prospects in the search for Physics Beyond the Standard Model at the European Organisation for Nuclear Research (CERN)

Timetable

9.30 am	Arrival of guests Tea and coffee served in the Wellcome Rooms
10.00 am	Welcome Guests will be shown to the Lecture Theatre
10.05 am	Tiziano Camporesi (CMS, CERN) <i>Standard Model of Nature: the unfinished job</i>
10.25 am	Monica D'Onofrio (ATLAS, CERN and Physics at Liverpool) <i>Searching for SUSY particles in an ocean of top quarks</i>
10.45 am	Jon Butterworth (ATLAS, CERN and Physics & Astronomy at UCL) <i>Minimising model-dependence in LHC measurements</i>
11.05 am	Alan Barr (ATLAS, CERN and Physics at Oxford) <i>What the Large Hadron Collider can tell us about dark matter</i>
11.25 am	Michela Massimi (Philosophy at Edinburgh and PI of the ERC project <i>Perspectival realism</i>) <i>Modelling what might be the case</i>
11.45 am–12.15 pm	Q&A



European Research Council
Established by the European Commission



European
Commission

Horizon 2020
European Union funding
for Research & Innovation