

Expression of Interest for ICHEP 2020



Edinburgh
University



Edinburgh Castle



- **Edinburgh University**
proposes to host ICHEP 2020

Edinburgh International
Conference Centre



Franz Muheim, head of PPE
University of Edinburgh

Proposal for ICHEP 2020

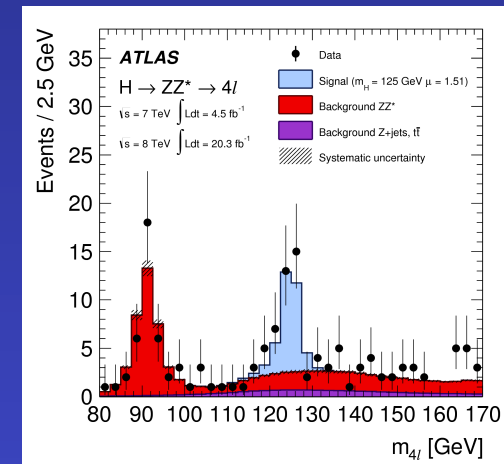
- **Edinburgh University**

- Long tradition in particle physics
- Vibrant groups in Experimental and Theoretical Particle Physics
- Peter Higgs - Nobelprize 2013



- **Institute for Particle and Nuclear Physics**

- Current activities include
 - ATLAS, LHCb at the LHC
 - Dark matter: LUX/LZ, Neutrinos: Hyper-K
 - Collider Phenomenology
 - Lattice Gauge Theory: UKQCD
 - Particle Cosmology
 - Instrumentation & Distributed Grid Computing



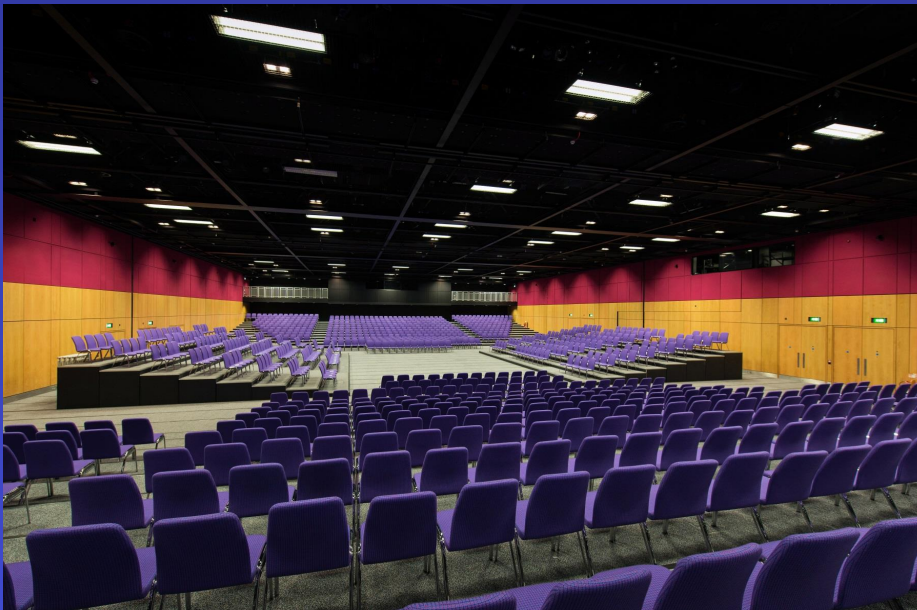
Proposal for ICHEP 2020



- **Latest ICHEPs in Europe**
 - Valencia, Spain, 2014
 - Paris, France, 2010
 - Moscow, Russia, 2006
 - ICHEP has not been in the UK since 1994
- **Edinburgh University proposal for ICHEP 2020**
 - Local organiser: Institute for Particle and Nuclear Physics
 - Venue: Edinburgh International Conference Centre (EICC)
 - will work closely with academic and business partners in the city of Edinburgh, in Scotland and in the United Kingdom
 - Higgs Centre for Theoretical Physics
 - Edinburgh Parallel Computing Centre EPCC
 - Scottish University Physics Alliance (SUPA)
 - Marketing Edinburgh Convention Bureau

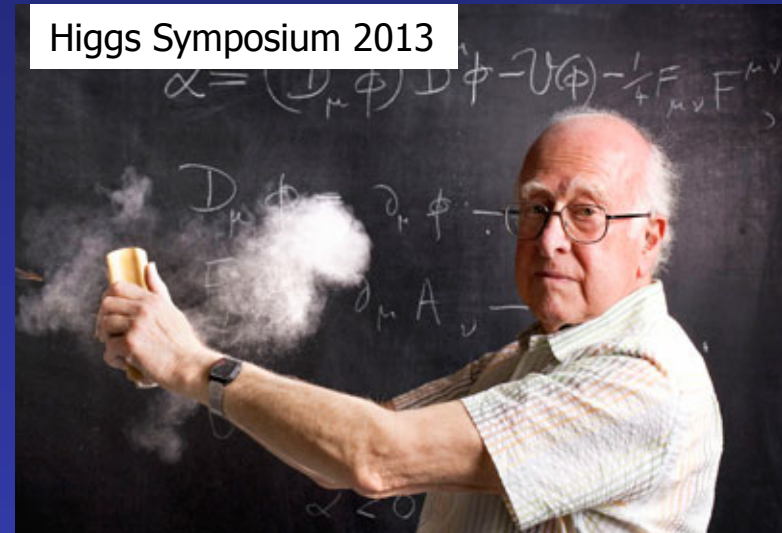
Proposal for ICHEP 2020

- **Edinburgh International Conference Centre (EICC)**
 - is a world class award winning venue ideal for ICHEP 2020
 - has world's first and only wall-to-wall fully moving floor system
 - an auditorium for 2000 can transform into tiered banqueting for 750, arena style for 1400, flat floor banqueting for 1400 or up to 2,165 m² of exhibition space



Proposal for ICHEP 2020

- **Recent Conferences, Schools, ...**
 - Beauty 2014
 - LZ collaboration meeting 2014
 - Higgs Symposium 2013
 - ATLAS UK meeting 2013
 - SUSSP summer schools (2012, ...)
 - LHCb week 2011
 - EPAC 2006 at EICC
~1100 Delegates



- **Historic City and Capital of Scotland**

- Lots of tourist attractions
- Easy to reach: several daily flights from many European destinations
- Edinburgh Castle
- Edinburgh festival season starts at end of July



- **Scottish Highlands**
 - Lots of beautiful nature
 - Loch Lomond is gateway to the Highlands
 - Mountains and lochs provide excellent hiking opportunities





Old College



McEwan Hall

- **Sixth-oldest university in the English-speaking world**
 - Long tradition in Arts, Medicine and Sciences
 - Consistently ranked in the top tier of universities in the world
- **School of Physics and Astronomy**
 - About 70 academic staff

Final Words

- **Edinburgh University proposes to host ICHEP 2020**



CWG29D Alamy Images

The End

