

# MAIN FOYER

WALL 1 (430cm)

**ATLAS experiment at the LHC**

**Dark Matter**

**Particle Physics Theory**

**PARTICLE PHYSICS**

**Accelerator Physics**

WALL 2 (430cm)

**Quantum Devices**

**CONDENSED MATTER PHYSICS**

**Quantum Matter**

**Nanophysics**

**Quantum Fluids &**

**Condensed Matter Theory**

WALL 3 (350cm)

**Biodiagnostics**

**Astronomy Dome**

**BBC Stargazing 2014**

**Collaboration with National and International Laboratories**

**ROYAL HOLLOWAY UNIVERSITY OF LONDON**

**ATLAS**

**SNIFAB**

**DIAMOND**

**KEK**

**NPLB**

**ISIS**

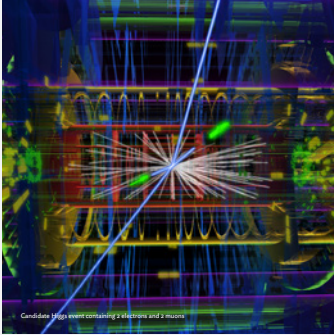
INNER WALL

**Welcome to the DEPARTMENT OF PHYSICS**

# Particle Physics FOYER

WALL 1 (120CM)

## PARTICLE PHYSICS



Collision event containing 2 electrons and 2 muons

WALL 2 LEFT (130CM)



Major part of calorimeter inner part of an accelerator



Accelerator Test Facility 2 at the KEK laboratory in Tsukuba, Japan

## Accelerator Physics

WALL 3 RIGHT (200CM)



Elliptical Galaxy

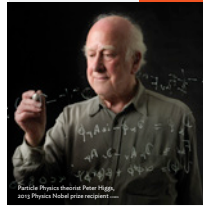
## Particle Physics Theory

FIRE ALARM



Test stand for measuring the Rayleigh scattering length @GSI-Linac

## Dark Matter



Particle Physics theorist Peter Higgs, 2013 Physics Nobel prize recipient

WALL 4 LEFT (140CM)



## ATLAS experiment at the LHC



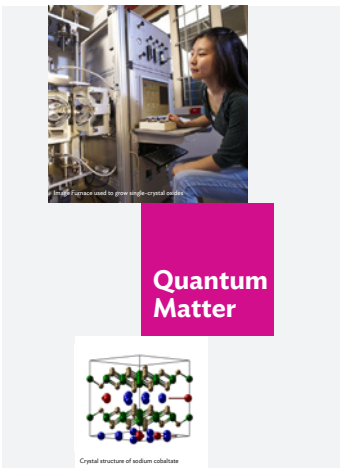
Assembly of one ATLAS calorimeter barrel calorimeter

# FIRST FLOOR FOYER

WALL 1 (210cm)

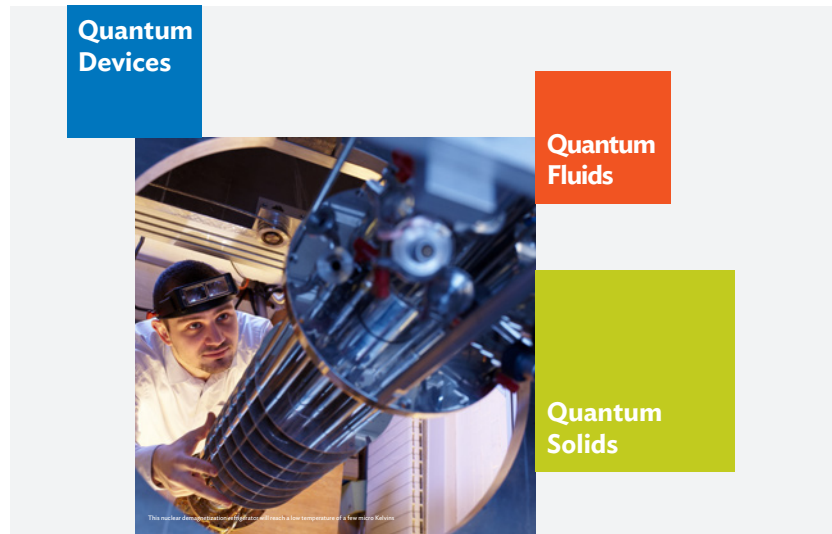


WALL 2 (90cm)

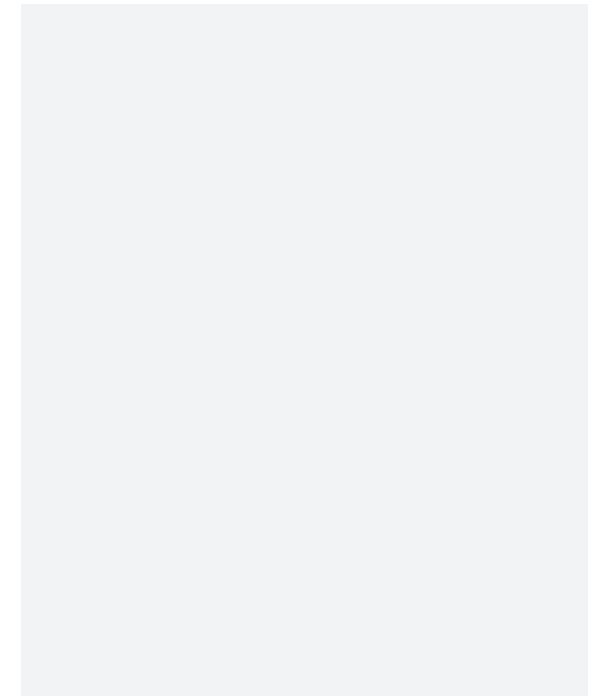
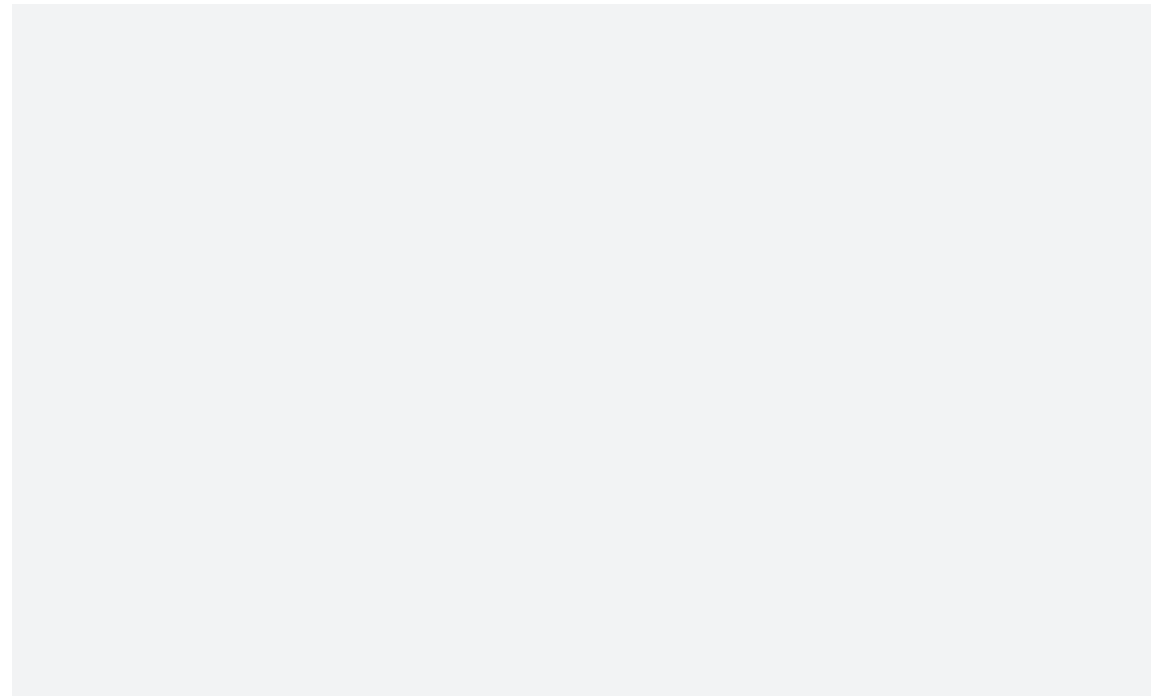
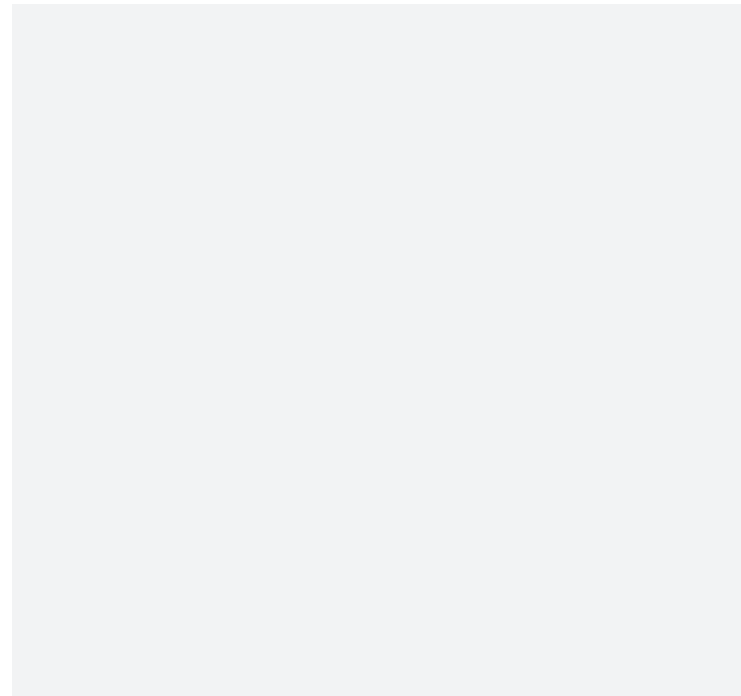


# BASEMENT

FOYER LEFT WALL (220cm)



BASEMENT CORRIDOR LEFT: 195cm + 305 cm  
+ 150cm



BASEMENT CORRIDOR RIGHT

