

John Adams Institute for Accelerator Science Lecture Series

Wednesday 1st March 2017 at 4:15 pm
Dennis Sciama Lecture Theatre, Denys Wilkinson Building

Civil engineering aspects and challenges for CERN's Future Accelerators (100km Future Circular Collider / Linear Colliders and High Luminosity LHC)

**John Osborne,
Senior Civil Engineer, CERN**

Abstract:

This seminar will outline the initial designs and future construction plans for CERN's research facilities. In particular, John Osborne will present the civil engineering aspects, technical feasibility, geological reality, associated risks and challenges that will need to be overcome for:

- The 100km circular collider (FCC)
- Linear Colliders (ILC and CLIC)
- The LHC upgrade (High-Luminosity LHC)

