

Waterford Institute of Technology  
Seminar Series  
in  
Mathematics and Physics

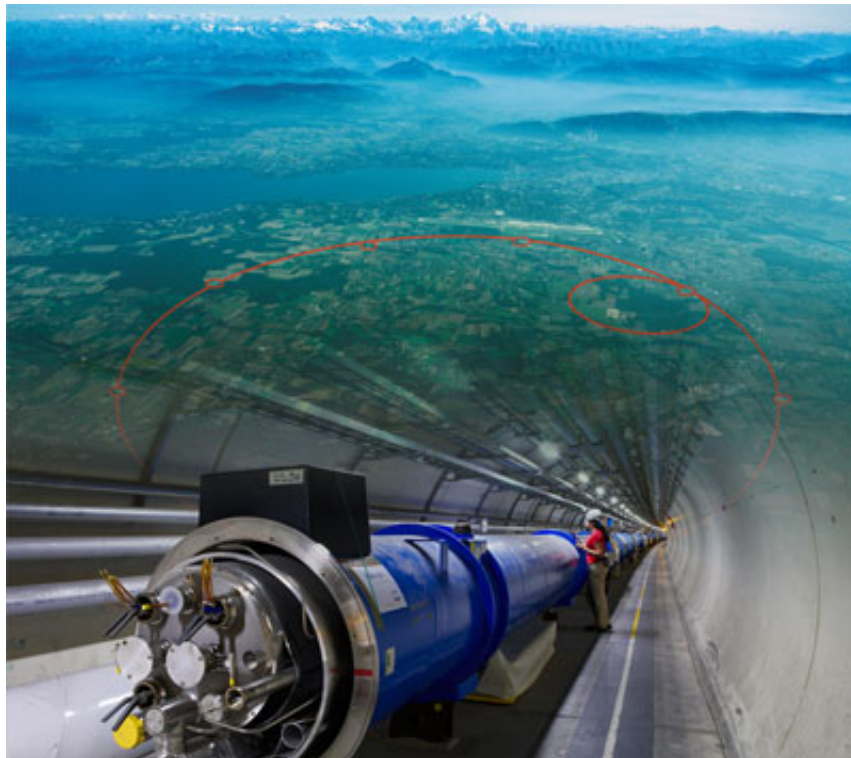
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Presents

**The Big Bang, the LHC and the Higgs Boson**

by

Dr Cormac O’Raifeartaigh, WIT



This seminar will feature a brief overview of the forthcoming experiments at the Large Hadron Collider (LHC), the world’s most powerful particle accelerator. The how and why of the experiments will be explained in the context of the Standard Model of particle physics. The search for physics beyond the Standard Model and the relevance of the experiments to current puzzles in cosmology will also be described.

Room : F02

Date : Wednesday, 28<sup>th</sup> January 2009

Time : 4:15pm

All are welcome to attend.