

A free public lecture by

Professor Allan Clark

on

“The Large Hadron Collider: revealing the fundamental nature of our world”

In a 27 kilometre-long circular tunnel beneath the Franco-Swiss border sits the world’s largest physics experiment: the Large Hadron Collider, or LHC. This experiment aims to uncover some of the remaining secrets of our Universe, illuminating the nature of the fundamental forces and particles that make up our world. This talk will outline the Standard Model, currently our best physical theory of matter and forces, and then describe some of the first physics results from colliding protons close to the speed of light inside the Large Hadron Collider.

Professor Allan Clark, a graduate of UTAS, is the Director of the Department of Particle Physics at the University of Geneva and a Fellow at CERN, the home of the LHC.

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Tuesday 14 February, 8pm
Centenary Lecture Theatre,
Grosvenor Street, Sandy Bay campus

Launceston

Wednesday 15 March, 5.30pm
Vos Construction-Rory Spence Lecture Theatre,
School of Architecture & Design, Inveresk campus

RSVP: Email UTAS.Events@utas.edu.au or phone 6226 2521

More info: www.events.utas.edu.au

Presented by the School of Maths & Physics, in collaboration with the Australian Institute of Physics Tasmanian Branch.