String Theory and the Real World?

String theory is the most promising candidate for a fundamental theory of the universe. But, after more than 25 years of intense work, what have we learned about our universe, or others, from this theory? Is it possible to test string theory with current and future experiments, either on particle accelerators, such as LHC, or observations about the early universe? In this lecture I will survey recent progress towards answering these and other questions.

Dr. Fernando Quevedo
DAMTP, UNIVERSITY OF CAMBRIDGE

Guatemalan high energy theoretical physicist. Undergraduate degree in Guatemala. PhD in UT Austin (under Steven Weinberg, Nobel prize 1979) in 1986. Research appointments at CERN, McGill, Los Alamos, Neuchatel. Professor at UNAM (Universidad Nacional Autonoma de Mexico), Mexico (1997-1998). In Cambridge since 1998 where he is Professor of Theoretical Physics and fellow of Gonville and Caius College. Starting in November 2009 he will be the new director of ICTP (International Centre for Theoretical Physics), Trieste, Italy. He works on string theory, phenomenology and cosmology.

The Origins Institute at McMaster University creates and fosters transdisciplinary research on origins themes across a broad range of fundamental science. It also sponsors a public outreach and lectures program, as well as an undergraduate curriculum, the Origins Research Specialization.

Origins.mcmaster.ca
McMaster University • Hamilton, Ontario, Canada