

Title: Dr.

Lecturer: Luis Alvarez-Gaume

Date and Times:

- Friday, 29th July from 11:15 am to 12:00 am

Summary of the proposed talk: What is String Theory?

This lecture is intended to give a general overview of String Theory - Its conceptual basis, its achievements and its challenges.

Prerequisite knowledge and references: Basic training in High Energy Physics

Biography

Brief CV:

- Born in Madrid longtime ago
- Studied at the Autonoma University in Madrid, where he got the BA in Physics, in 78 after fulfilling the military service he went as a graduate student to SUNY at Stony Brook to work with D.Z. Freedman
- Completed graduate studies in 1980 in MIT and got PhD in March 1981
- From September 81 joined the Harvard Society of Fellows, and in 83 started as assistant professor in the Physics Department, promoted in 85 to associate professor
- Half of 1983 he spend in Princeton collaborating with E. Witten and D. Gross
- In 1987 he was offered a Full Professorship at Boston University
- In 1988 LAG joined the CERN Theory Division as senior staff member, where he has remained till today as part of the local furniture

My main interests are Quantum Field Theory and Particle Physics, String Theory and Cosmology. But I also have interests on Quantum Computing, Computational Complexity and Fluid Dynamics
Outside Physics, my main activities include music, reading, hiking and biking.

Publications: See SPIRES file