

THE DEPARTMENT OF MATHEMATICAL SCIENCES PROUDLY PRESENTS

# COLLOQUIUM

SPRING 2014

## A Higgs Particle Theory Primer

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### ABSTRACT

A discussion of the main theoretical ideas in the Standard Model for the elementary particles and an explanation of the role played by the Higgs particle in completing this theoretical structure. The use of equations will hopefully give a mathematical audience a deeper understanding of the topic than that obtained from sources aimed at the general public.

Monzón Building, Room 201, 10:45 AM  
Refreshments will be served  
15 minutes before the colloquium, M213

