

School of Physics and Astronomy

COLLOQUIUM



Dr Pat Scott
University of Queensland

Searches for dark matter and new physics with GAMBIT

I will describe the hunt for different theories of dark matter and new particles underway with GAMBIT, the Global and Modular Beyond-the-Standard Inference Tool. I'll cover models ranging from supersymmetry to axions and extended Higgs sectors, and bring in searches for new physics with colliders, direct and indirect dark matter experiments, flavour physics and more. I will also briefly discuss some of the neat computational tricks done by GAMBIT, and extensions on the near horizon.

Date:	Wednesday 19 February
Time:	2pm
Venue:	L1, Seminar Room 107, 10 College Walk, Clayton

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