

# Optimising ATLAS searches for supersymmetry

*Tuesday 19 February 2019 11:40 (18 minutes)*

I will present the results of recent Adelaide-Monash collaboration on identifying supersymmetric models that are currently being missed at the LHC. This includes surprising results that indicate that there is no current constraint on the electroweakino sector of the MSSM. Plans for developing new analyses that tackle this issue will be outlined and placed in the context of ongoing work with former CoEPP international partners.

**Presenter:** WHITE, Martin John (University of Adelaide (AU))

**Session Classification:** Science Session