

Search for new gauge bosons and other exotic particles with ATLAS

The ATLAS detector has been used to search for exotic particles in final states with one lepton and missing transverse momentum and final states with a lepton pair. I will present results from analyses of around 1/fb of proton-proton data for both searches. I will describe the motivation for carrying out such searches, explain some of the details of the analyses, and present the final distributions obtained. I will finally present statistical exclusion limits on certain reference models, including new charged (W') and neutral (Z') gauge bosons as well as RS gravitons.

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