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Searches for new phenomena in leptonic final states using the ATLAS detector

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Many theories beyond the Standard Model predict new phenomena, such as Z' , W' bosons, KK gravitons, vector-like leptons or heavy leptons, in final states with isolated, high- p_T leptons (e/mu/tau) or photons. Searches for new physics with such signatures, produced either resonantly or non-resonantly, are performed using the ATLAS experiment at the LHC.. The most recent ATLAS results will be reported.

Secondary track

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