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## Searches for high-mass resonances decaying into leptonic final states using the ATLAS detector

*Thursday, July 11, 2019 3:30 PM (15 minutes)*

Many theories beyond the Standard Model predict new phenomena which decay to well isolated, high- $p_T$  leptons. Searches for new physics models with these signatures are performed using the ATLAS experiment at the LHC. The results reported here use 13 TeV pp collision data; prospects for HL-LHC will also be shown.

**Primary author:** JUSTE ROZAS, Aurelio (ICREA and IFAE (ES))

**Presenter:** TAKUBO, Yosuke (High Energy Accelerator Research Organization (JP))

**Session Classification:** Searches for New Physics

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