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## Search for chargino and neutralino production in final state with three leptons and missing transverse momentum, via WH intermediate decays

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The direct production of chargino-neutralino,  $pp \rightarrow \tilde{\chi}_{\pm 1} \tilde{\chi}_0$ , followed by their decays via intermediate WH states ( $\tilde{\chi}_{\pm 1} \tilde{\chi}_0 \rightarrow W \pm H \tilde{\chi}_0$ ), where H is the 125-GeV Standard Model Higgs boson, is a very important channel for the search for electroweak supersymmetry at the Large Hadron Collider. Amongst others, the search can be performed in the channel where both the W and the H decay fully leptonically ( $\tilde{\chi}_{\pm 1} \rightarrow \tilde{\chi}_0 (W \pm \rightarrow \ell \pm \nu)$  and  $\tilde{\chi}_0 \rightarrow \tilde{\chi}_0 (H \rightarrow \ell \ell)$ ), yielding three leptons in final state. Results are presented from this search using 36.1 fb<sup>-1</sup> of  $\sqrt{s}=13$  TeV proton-proton collision data recorded with the ATLAS detector, together with an outlook for the full Run-2 analysis.

**Presenter:** TROVATO, Fabrizio (University of Sussex (GB))

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