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## **Measurements of rare electroweak processes including vector boson scattering and triboson production with ATLAS**

*Tuesday 8 July 2025 16:50 (20 minutes)*

Measurements of rare processes in the electroweak sector provide unprecedented constraints of the SM theory, and unique sensitivity to study the electroweak symmetry breaking (VBS processes) and the quartic boson self-couplings (VBS and triboson processes). In addition to cross-section measurements, studies of boson polarization states in VBS processes are being actively pursued to bring further sensitivity to new phenomena. This talk summarizes recent results from ATLAS on this topic.

### **Secondary track**

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