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## **Charged Higgs boson searches with the ATLAS detector (12' + 3')**

*Saturday 6 August 2016 09:15 (15 minutes)*

Several theories beyond the Standard Model, like the 2HDM, predict the existence of high mass charged Higgs particles. Such charged Higgses, produced in association with a top quark, are searched for in the tau + jets decay channel and in the top-bottom decay channel, using about 10 fb<sup>-1</sup> of p-p collisions at 13 TeV.

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**Session Classification:** Higgs Physics

**Track Classification:** Higgs Physics