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Making the most of Higgs to tautau

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With a mass around 125 GeV, a handful of events are already expected to be present in the current ATLAS analysis searching for the SM higgs in the tau+tau-. Unfortunately, this channel has low mass resolution and high backgrounds, notably from Z decays, so it is difficult to establish a significant signal. In addition to reviewing the latest ATLAS results, this talk also presents some ideas that could be helpful in optimising the sensitivity to a signal, and eventually contribute to establishing the spin of a higgs candidate.

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