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## **H<sup>+</sup> Searches: Summary of cH<sup>+</sup>arged 2018 workshop and prospects**

*Saturday 6 October 2018 17:10 (50 minutes)*

Since the discovery of SM-like Higgs boson, new physics search has been very actively performed. It is interesting that most of the new physics predicts Higgs mechanism with extended Higgs sectors, which means the charged Higgs bosons must exist. Searches for charged Higgs bosons have been performed below and above the top quark mass, however no significant excess is reported. Here the recent experimental search results and the highlight of the cH<sup>+</sup>arged 2018 workshop are introduced for vigorous discussions for the prospects of H<sup>+</sup> search.

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**Session Classification:** Session 3 : charged Higgs