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Into this furnace: A heat-proof top charge asymmetry for the LHC

Monday 9 May 2016 15:30 (15 minutes)

The abundance of top-quarks at the LHC allows us to test subtle features such as the charge asymmetry in heavy-quark pair production. A promising observable of this fundamental property of QCD is the top-antitop energy asymmetry in jet-associated top-pair production. I will present new predictions of the energy asymmetry beyond the leading order and venture an outlook on the discovery prospects during run II.

Summary

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