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# New techniques (applications of machine learning, information geometry, etc)

*Tuesday, 5 June 2018 14:47 (17 minutes)*

As the LHC reaches a mature and stable phase of running, new search techniques are called for in order to ensure that the maximum possible information is extracted from the data. This talk describes the most recent innovations in this area, including new kinematic variables, event geometry, and applications of machine learning to the LHC.

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**Session Classification:**   Parallel Exotica