

# DISCRETE 2014: Fourth Symposium on Prospects in the Physics of Discrete Symmetries



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## Hunting for New Physics with vector-like quarks

*Thursday 4 December 2014 14:30 (30 minutes)*

Extending the Standard Model through the inclusion of additional vector-like quarks provides a rich playground for New Physics searches both in the Flavour sector and at the LHC. A detailed analysis of present constraints and future prospects with special emphasis on potential deviations from the Standard Model expectations in selected observables is presented.

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**Session Classification:** Parallel 1: Discrete symmetries (T, C, P), flavour, accidental symmetries