

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



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Non-minimally flavour violating dark matter

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Flavour symmetries provide an appealing mechanism to stabilize the dark matter particle. I present a simple model of quark flavoured dark matter that goes beyond the framework of minimal flavour violation. I discuss the phenomenological implications for direct and indirect dark matter detection experiments, high energy collider searches as well as flavour violating precision data.

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