

## Towards the Standard Model in F-theory

*Monday 16 March 2015 16:20 (20 minutes)*

I will present a class of F-theory compactifications that gives rise to the Standard Model gauge group, augmented by a further  $U(1)$  that can serve as a selection rule. I will discuss phenomenological aspects as well as the technical difficulties that arises when we try to match the results to the real Standard Model.

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