



Contribution ID : 60

Type : **Invited Talks**

## F-theory and Particle Physics

*Friday, 27 May 2016 10:00 (30)*

We present developments in F-theory compactifications with an emphasis on particle physics implications. We spell out techniques to construct globally consistent F-theory compactifications that result in particle physics models, such as the SU(5) GUT's and the first three family Standard Model construction. We also spell out technical advances in constructions of F-theory compactifications with higher rank Abelian and discrete symmetries.

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**Session Classification** : Plenary 7