

## **Yukawa couplings from D-branes on non-factorisable tori**

*Wednesday, 23 May 2018 14:20 (20 minutes)*

The classical part of Yukawa couplings from D6-branes is computed by summing over worldsheet instantons. On non-factorisable tori the worldsheet instantons obey selection rules, which depend on the underlying lattice of the torus. Quantum corrections to the couplings are obtained by T-dualizing the setup and computing the overlapping wavefunctions of three chiral matter fields.

**Presenter:** Mr LIYANAGE, Christoph (Bethe Center for Theoretical Physics)

**Session Classification:** Parallel Session Formal