

---

**LATHAM BOYLE**, Perimeter Institute

*The standard model of particle physics from non-commutative geometry: a physicist's perspective*

By viewing it from the standpoint of non-commutative geometry, Connes and Lott, and later Connes and Chamseddine, noticed an interesting feature of the standard model of particle physics. In this talk, I will rephrase this feature in terms that are more familiar to a physicist, in an attempt to better understand the role that non-commutative geometry really plays in the story.