

---

**SUNIL CHEBOLU**, University of Western Ontario

*Which finite  $p$ -groups are like a finite product of fields?*

A ghost in a tensor triangulated category is a map that induces the zero map on all homotopy groups. We identify the derived categories of commutative rings and the stable module categories of finite  $p$ -groups that do not have non-trivial ghosts. In particular, we will solve the riddle posed in the title: which finite  $p$ -groups are like a finite product of fields?

This is joint work with Dan Christensen and Jan Minac.