TOM SALISBURY, York University and the Fields Institute
Singular stochastic integral equations

I will describe work in progress concerning Yamada–Watanabe type singular solutions to stochastic integral equations. Complete results in this direction would establish pathwise uniqueness for SPDE models analogous to catalytic super Brownian motion. Unfortunately we don't have complete results, but I will try to describe what progress has been made to date.

This is joint work with Leonid Mytnik (Technion).