EDWIN PERKINS, UBC, Department of Mathematics, Vancouver, BC *Pathwise Uniqueness for Stochastic Heat Equations*

We prove pathwise uniqueness for solutions of parabolic stochastic pde's with multiplicative white noise if the coefficient is Hölder continuous of index $\gamma > 3/4$. The method of proof is an infinite-dimensional version of the Yamada–Watanabe argument for ordinary stochastic differential equations.

This is joint work with Leonid Mytnik, Technion.