

---

**EDWIN PERKINS**, Math. Dept., UBC, Vancouver, BC, V6T 1V2, Canada

*Pathwise uniqueness for parabolic stochastic PDE's*

Consider the SPDE:  $du/dt = u'' + g(u)dW/dtdx$  where  $dW/dtdx$  is space-time white noise and  $g$  is Hölder continuous of index  $h$ . It is shown that if  $2h^3 - h > 3/4$  then pathwise uniqueness holds. The proof is an infinite dimensional extension of the Yamada–Watanabe Theorem.

This work is joint with Leonid Mytnik.