

**abstract-bloemker.txt**

**We review results for a stochastic partial differential equation, which is used as a model in surface growth of amorphous material. In numerical simulations the equation seems to be well behaved and exhibits hill formation followed by coarsening.**

**Although being a scalar equation, the stochastic as well as the deterministic PDE seems to have similar problems than the 3D-Navier-Stokes equation, as the uniqueness of weak solutions seems to be out of reach. This talk gives an overview about several results for this model.**