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## DK Seminar

December 9, 2015, 14:15 - 15:45  
Vienna University of Technology,  
Freihaus, green area, 4th floor, 101C

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### Stochastic Reaction-Diffusion Models

We consider reaction-diffusion models with an additive stochastic noise and we are interested in the influence of the Brownian Motion on the solution with respect to the regularity in time and space. A semi-group approach for the non-homogeneous heat equation with white noise will be reviewed to show the existence of a solution.