

# REGULARITY OF SOLUTIONS TO SPDES

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Abstract: In this talk I will survey results on optimal regularity of solutions to stochastic PDEs. To obtain these results one needs a variety of techniques coming from different fields such as probability theory in Banach spaces, harmonic analysis and operator theory.

The talk is based on joint work with Antonio Agresti, Emiel Lorist, Pierre Portal, Jan van Neerven, Lutz Weis.