



## DYNAMICAL SYSTEMS SEMINAR

### Rough paths and stochastic analysis

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Mini-auditorium / MAT

**Abstract.** In this talk, we discuss recent advances in the theory of differential equations driven by highly irregular forcing terms. We revisit the so-called Rough Path analysis and its connections with Analysis and Probability theory. If time permits, we also discuss applications to singular stochastic partial differential equations driven by space-time white noise.