



# V Workshop in Stochastic Analysis and Applications

## SUMÁRIO



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Minicourse: introduction rough path and deep learning

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Solving non-Markovian stochastic control problems driven by Wiener functionals

3

A MFG approach for competing firms in the emission trading system

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On local well-posedness of the stochastic incompressible density-dependent Euler equations

5

An Eulerian-Lagrangian formulation for compressible Euler Equations

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Stochastic differential equations with discontinuous diffusion coefficients

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On some properties of stochastic equations involving Itô-Henstock integrable right-hand sides

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On energy methods for Stochastic Navier-Stokes and global well-posedness

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Well-posedness and asymptotic behavior of almost periodic solutions to some stochastic nonlinear partial differential equations

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A high order solver for signature kernels

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Macroscopic evolution of mechanical and thermal energy in a harmonic chain

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Solution curve for linear control systems on Lie groups

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Solving the stationary stochastic Landau-Lifshitz-Gilbert equation

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Regularity results for a stochastic transport equation with non-local velocity.

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Weak Dirichlet processes and BSDEs