Marta Sanz-Solé - Publication List

Research Articles

Candil, David; Dalang, Robert C. and Sanz-Solé, Marta, Asymptotic behavior of the stochastic heat equation over large intervals. arXiv:2509.02504

Dalang, Robert C.; Sanz-Solé, Marta, Sample path regularity of non-autonomous uniformly parabolic SPDEs. *Stoch PDE: Anal Comp* (2025). https://doi.org/10.1007/s40072-025-00366-z

Khoshnevisan, Davar; Sanz-Solé, Marta**,** Optimal regularity of SPDEs with additive noise. Electron. J. Probab. 28 (2023), Paper No. 142, 31 pp. DOI: 10.1214/23-EJP1043 https://projecteuclid.org/journals/electronic-journal-of-probability/volume-28/issue-none/Optimal-regularity-of-SPDEs-with-additive-noise/10.1214/23-EJP1043.full

Hinojosa-Calleja, Adrián; Sanz-Solé, Marta**,** A linear stochastic biharmonic heat equation: hitting probabilities. Stoch. Partial Differ. Equ. Anal. Comput. 10 (2022) no. 3, 735–756. https://doi.org/10.1007/s40072-021-00234-6

Millet, Annie; Sanz-Solé, Marta**,** Global solutions to stochastic wave equations with superlinear coefficients. Stochastic Processes and their Applications (2021), 139, 175-211. https://doi.org/10.1016/j.spa.2021.05.002

Hinojosa-Calleja, Adrián; Sanz-Solé, Marta, Anisotropic Gaussian random fields: Criteria for hitting probabilities and applications. Stoch PDEs: Anal Comp (2021) 9 no 4, 984-1031. https://doi.org/10.1007/s40072-021-00190-1

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Robert Dalang, Marta Sanz-Solé, Stochastic Partial Differential Equations, Space-time White Noise and Random Fields.
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