

## **Publications:**

### **Research articles and conference proceedings (peer-reviewed):**

N. Sapountzoglou, A. Zimmermann. Renormalized solutions for stochastic p-Laplace equations with  $L^1$ -initial data: The case of multiplicative noise. *Discrete Contin. Dyn. Syst.* 42 (2022), no. 8, 3979-4002, doi: 10.3934/dcds.2022041.

N. Sapountzoglou, A. Zimmermann. Well-posedness of renormalized solutions for a stochastic p-Laplace equation with  $L^1$ -initial data. *Discrete Contin. Dyn. Syst.* 41 (2021), no. 5, 2341-2376, doi: 10.3934/dcds.2020367.

N. Sapountzoglou, A. Zimmermann. Renormalized solutions for a stochastic p-Laplace equation with  $L^1$  initial data. *Proceedings of the Fifteenth International Conference Zaragoza-Pau on Mathematics and its Applications, Monogr. Mat. Garcia Galdeano*, 42 (2020).

N. Sapountzoglou. Entropy solutions to doubly nonlinear integro-differential equations. *Nonlinear Anal.* 192 (2020), 111656, 31 pp, doi: 10.1016/j.na.2019.111656.

N. Sapountzoglou, P. Wittbold, A. Zimmermann. On a doubly nonlinear PDE with stochastic perturbation. *Stoch. Partial Differ. Equ. Anal. Comput.* 7 (2019), no. 2, 297-330, doi: 10.1007/s40072-018-0128-7.

### **Preprints:**

N. Sapountzoglou, Y. Tahraoui, G. Vallet, A. Zimmermann. Stochastic pseudomonotone parabolic obstacle problem: well-posedness & Lewy-Stampacchia's inequalities. (2023) 36 pp, doi: 10.48550/arXiv.2305.16090.

N. Sapountzoglou, A. Zimmermann. Convergence rates for a finite volume scheme of the stochastic heat equation. (2024) 27 pp, doi: 10.48550/arXiv.2404.05655