LIST OF PUBLICATIONS OF NICOLA GAROFALO

[1] A. Banerjee & N. Garofalo, *Quantitative uniqueness for zero-order perturbations of generalized Baouendi-Grushin operators*, Rend. Istituto Matematica dell'Università di Trieste, to appear.

[2] N. Garofalo, A. Petrosyan, C. A. Popp & M. Smit Vega Garcia, *Regularity of the free boundary for the obstacle problem for the fractional Laplacian with drift*, Annales de l'Institut Henri Poincaré. Analyse non lineaire, to appear.

[3] D. Danielli, N. Garofalo, A. Petrosyan & T. To, *The parabolic Signorini problem: interior sharp regularity and the smoothness of the free boundary*, 88 pages, Memoirs of the Amer. Math. Soc., to appear.

[4] F. Baudoin & N. Garofalo, *Curvature-dimension inequalities and Ricci lower bounds for sub-Riemannian manifolds with transverse symmetries*, J. of the European Math. Soc. (JEMS), to appear.

[5] A. Banerjee & N. Garofalo, *Modica type gradient estimates for reaction-diffusion equations*, Geometric Methods in PDE's, Ed.: G. Citti, M. Manfredini, D. Morbidelli, S. Polidoro, F. Uguzzoni, Springer INdAM Series, to appear.

[6] N. Garofalo, A. Petrosyan & M. Smit Vega Garcia, *An epiperimetric inequality approach to the regularity of the free boundary in the Signorini problem with variable coefficients*, J. Mathématiques Pures et Appliquées, **105** (2016), n. 6, pag. 745-787.

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