

LIST OF PUBLICATIONS OF NICOLA GAROFALO

- [1] N. Garofalo & I. Munive, *Estimates of the Green function and the initial-Dirichlet problem for the heat equation in sub-Riemannian spaces*, Annali Mat. Pura e Applicata, to appear.
- [2] N. Garofalo, A. Petrosyan & M. Smit Vega Garcia, *The singular free boundary in the Signorini problem for variable coefficients*, Indiana Univ. Math. J., 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., **249** (2017), no. 1181, v + 103 pp.
- [4] N. Garofalo, A. Petrosyan, C. A. Pop & 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 linéaire, **34** (2017), no. 3, 533-570.
- [5] N. Garofalo, M. Ruzhansky & D. Suragan, *On Green functions for Dirichlet sub-Laplacians on H-type groups*, J. Math. Anal. Appl. **452** (2017), no. 2, 896-905.
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- [7] A. Banerjee & N. Garofalo, *Quantitative uniqueness for zero-order perturbations of generalized Baouendi-Grushin operators*, Rend. Istit. Mat. Univ. Trieste **48** (2016), 189-207.
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- [15] N. Garofalo & K. Rotz, *Properties of a frequency of Almgren type for harmonic functions in Carnot groups*, Calc. Variations and Partial Differential Equations, **54** (2015), no. 2, 2197-2238.
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