

# Davide Barilari

Publication related to the Ph.D. Thesis

- On the Hausdorff volume in sub-Riemannian geometry (with A. Agrachev and U. Boscain), to appear on Calc. Var. and PDE, (2011) [<http://arxiv.org/abs/1005.0540>]
- Sub-Riemannian structures on 3D Lie groups (with A. Agrachev), to appear on J. Dynam. and Contr. Syst., (2011) [<http://arxiv.org/abs/1007.4970>]
- Trace heat kernel asymptotics in 3D contact sub-Riemannian geometry, to appear on Journal of Mathematical Science. [<http://arxiv.org/abs/1105.1285>]
- On 2-step, corank 2 sub-Riemannian metrics (with U. Boscain and J.P. Gauthier), to appear on SIAM, Journal of Control and Optimization. [<http://arxiv.org/abs/1105.5766>]