## HARNACK INEQUALITIES FOR SUBORDINATE BROWNIAN MOTIONS

## ANTE MIMICA

A class of subordinate Brownian motions in  $\mathbf{R}^d$   $(d \ge 1)$  is considered. The aim is to show scale invariant Harnack inequalities for non-negative functions which are harmonic with respect to these processes. The examples covered by this approach include geometric stable processes and, more generally, a class of subordinate Brownian motions for which the Laplace exponent of the underlying subordinator varies slowly at infinity. New forms of asymptotical behavior of the Lévy density and the Green function near the origin will be presented.