Analysis Seminar

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Tuesday, October 28, 2014
1:00 pm, HH-3017

Capacities And Embeddings via Symmetrization and Conductor Inequalities

Abstract:

This seminar is about Silvestre's recent paper which gives some isocapacitary inequalities for Besov, Lipschitz or capacities by using estimates of rearrangements in terms of modulus of continuity. These inequalities allow us to show that the capacitary Lorentz spaces, based on Besov spaces, are between the homogeneous Besov spaces and the usual Lorentz spaces.