Analysis and Probability on Fractals
Fourier Institute (Room 18)
Schedule

<u>Tuesday</u>

1.30-1.45 pm: Welcome.

1.45-2.45 pm: Resistance forms, quasisymmetric maps and heat kernel estimates
(I), by J. Kigami
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3-4 pm: Multifractal analysis of functions (I), by S. Jaffard

4.30-5.30 pm: Ricci curvature and Markov chains (I), by Y. Ollivier

<u>Wednesday</u>

9-10 am: Multifractal analysis of functions (II), by S. Jaffard.

10.15-11.15 am: Resistance forms, quasisymmetric maps and heat kernel estimates
(II), by J. Kigami

11.45-12.30 am: Ubiquity and large intersection properties in the multifractal anal-
ysis of random process, by A. Durand

2.15-3.00 pm: Multifractal analysis of traces of Besov functions: Results for all and
for almost all functions, by S. Seuret

3.15-4.15 pm: Ricci curvature and Markov chains (II), by Y. Ollivier

4.45-5.45 pm: Heat kernels on metric measure spaces (I) by A. Grigoryan

<u>Thursday</u>

9-10 am: Multifractal analysis of functions (III), by S. Jaffard.

10.15-11.15 am: Resistance forms, quasisymmetric maps and heat kernel estimates
(III), by J. Kigami

11.45-12.30 am: Some prevalent results about strongly monoHölder functions, by M. Clausel

2.15-3 pm: Stability of the Sobolev spaces with respect to the domain, by A. Lemenant

3.15-4.15 pm: Ricci curvature and Markov chains (III), by Y. Ollivier

4.45-5.45 pm: Heat kernels on metric measure spaces (II) by A. Grigoryan

Friday

9.15-10 am: Harmonic functions characterizations of Besov-Lipschtiz spaces on fractals, by K. Pietruska-Paluba

10.30-11.30 am: Heat kernels on metric measure spaces (III) by A. Grigoryan