Conference in honour of Kenneth Falconer's 60th birthday

Program

Monday 12

- 10h00-10h15: Welcome address
- 10h15-11h15: Maarit Järvenpää, *Falconer-Sloan condition and random code tree fractals.*

  11h15-11h30: Coffee break

- 11h30-12h15: Abel Farkas, *Projection theorems for fractal sets.*
- 12h15-13h00: Xiong Jin, [Projections, slices and dimension conservation for random self-similar measure and sets.](#)

  13h00-14h30: Lunch break

- 14h30-15h30: Lars Olsen, *A selective survey of self-similar multifractals and related structures.*

  15h30-15h45: Coffee break

- 15h45-16h30: Vuksan Mijovic, [Multifractal zeta functions.](#)
- 16h30-17h15: Jonathan Fraser, [On the analyticity of Falconer's subadditive pressure function.](#)
- 17h15-18h00: Steffen Winter, [Minkowski content and fractal curvatures of self-similar sets and tilings.](#)

Tuesday 13

- 10h15-11h15: Yimin Xiao, [Packing dimension profiles and stochastic processes.](#)

11h15-11h30: Coffee break

- 11h30-12h15: Ronan Le Guével, *Fractal properties of multistable processes.*
- 12h15-13h00: Alexandre Richard, [Wiener spaces and the Hausdorff measure of a multiparameter fractional Brownian motion](#).

13h00-14h30: Lunch break

- 14h30-15h30: Martina Zähle, *(S)PDE on fractals - regularity of the solution.*

15h30-15h45: Coffee break

- 15h45-16h30: Benjamin Arras, [Stochastic integration with respect to the Rosenblatt process.](#)
- 16h30-17h15: Xiequan Fan, [Multistable Lévy motions and their continuous approximations.](#)

20h00: Diner at the Bon restaurant, Paris

Wednesday 14

- 10h15-11h15: Pertti Mattila, *Survey's on Falconer's distance set problem.*

  11h15-11h30: Coffee break

- 11h30-12h15: Jun Miao, [Progress on Lipschitz equivalence of fractals.](#)
- 12h15-13h00: Casey Donoven, [Intersections within Cantor Spaces.](#)

  13h00-14h30: Lunch break

- 14h30-15h30: Jiaxin Hu, [Heat kernels and nonlinear parabolic equations on fractals.](#)

  15h30-15h45: Coffee break

- 15h45-16h30: Tony Samuel, *Fractal geometry and non-commutative geometry.*
- 16h30-17h15: Thibaut Deheuvels, [Trace and extension results on a class of ramified domains with fractal self-similar boundary.](#)