

Lévy 2016 Summer School on Lévy Processes

**LÉVY PROCESSES AND LARGE RANDOM DISCRETE  
STRUCTURES**

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We will be interested in large random discrete structures which exhibit heavy-tail phenomena and which are, roughly speaking, asymptotically described by Lévy processes. We will focus on Bienaymé-Galton-Watson random trees and on random planar maps, and we will see how properties of the limiting Lévy processes give information on the combinatorial structure of these models.