

The wired minimal spanning forest on the Poisson-weighted infinite tree

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The root component of the wired minimal spanning forest (WMSF) on the Poisson-weighted infinite tree (PWIT) is the local limit of minimal spanning trees on a sequence of regular graphs with degree tending to infinity. We study the spectral and diffusive properties of this root component in the WMSF on the PWIT. This is joint work with Asaf Nachmias.

报告人简介：唐鹏飞博士，2020 年 7 月获得印第安纳大学博士学位，然后在以色列特拉维夫大学做了三年的博后。去年 8 月开始加入了天津大学应用数学中心工作。主要从事渗流模型的相关研究。