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Minisymposium 6 - Positive definite functions and applications

Positive definite functions and exchangeable random processes

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There is an intimate connection betwen exchangeable random structures and harmonic analysis on semigroups, applying to classical theorems of de Finetti (and generalizations therof) as well as to much more recent results on exchangeable random orders and partitions. The short overview will be followed by some open problems in this area.