



## Mathematics and CS Seminar

# Decompositions of log-correlated fields with applications

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**Host: M. Beiglböck, N. Berestycki, L. Erdős, J. Maas**

We consider a simple idea to decompose of log-correlated Gaussian fields into two-parts, both of which behave well in suitable sense. Applications include Onsager type inequalities in all dimensions, analytic dependence and existence of critical chaos measures for a large class of log-correlated fields. Talk is based on joint work with Janne Junnila (EPFL) and Christian Webb (Aalto University).

**Tuesday, April 9, 2019 05:00pm - 06:00pm**

IST Austria Campus Uni Wien, HS 11, 2. OG, OMP 1



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