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Universität Ulm | 89069 Ulm | Germany

**Fakultät für Mathematik und
Wirtschaftswissenschaften**
Institut für Stochastik

Professor Dr. Volker Schmidt

Helmholtzstraße 18
89081 Ulm, Germany

Tel: +49 731 50-23532
Fax: +49 731 50-23649
volker.schmidt@uni-ulm.de
www.mathematik.uni-ulm.de/mawi/stochastik

2. Oktober 2008

Einladung zum Vortrag

von

Professor Dr. Mathew D. Penrose
UNIVERSITY OF BATH

Random directed and on-line networks

The on-line nearest neighbour graph and the minimal directed spanning tree are graphs on random points in d-space whereby which each point is connected to the nearest point satisfying a directional constraint; such graphs have been proposed in scale-free graph modelling and elsewhere. We discuss the distributional limit theory for the length of such graphs, and related quantities. Possible imiting distributions include not only the normal but also certain distributions satisfying fixed-point equations. Much of the work described is in collaboration with Andrew Wade.

Termin: Dienstag, 11. November 2008 , 17:15 Uhr

Ort: Universität Ulm, Helmholtzstr. 18, Raum He 220

Interessenten sind herzlich eingeladen.

Der Vortrag findet im Rahmen des Mathematischen Kolloquiums statt.

gez. V. Schmidt