

Workshop i dynamiska system

KTH 18 – 19 april, 2013

Finansierad av Göran Gustafssons stiftelse

Schema

Torsdag

9:25 **Välkommen**

9:30 – 10:15 **J. Schmeling** *Multifractal analysis of some multiple ergodic average – the invariant spectrum*

Kaffe

10:45 – 11:30 **M. Björklund** *Coupling estimates and effective mixing of all orders*

11:35 – 12:20 **T. Persson** *Borel-Cantelli lemmata in hyperbolic dynamics*

Lunch

14:30 – 15:15 **D. Schnellmann** *Law of iterated logarithm for the turning point in one-parameter families of tent maps*

Kaffe

15:30 – 16:15 **D. Volk** *Dynamics of piecewise translations*

Fredag

9:30 – 10:15 **M. Aspenberg** *Collet-Eckmann and Misiurewicz*

Kaffe

10:45 – 11:30 **N. Dobbs** *Ergodic properties in transcendental dynamics*

11:35 – 12:20 **J.-L. Figueras** *Computer-assisted techniques for the verification of the Chebyshev property of Abelian integrals*

Lunch

14:30 – 15:15 **D. Gaydashev** *Renormalization and rigidity in one- and two-dimensional dynamics*

Kaffe

15:30 – 16:15 **W. Tucker** *A rigorous study of short periodic orbits for the Lorenz system.*