

# Dynamical trends in Analysis

## Programme

Location: All talks are in room **D2**, Lindstedtsvägen 5, Ground floor.

### Wednesday May 27

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
10:00 – 10:15	<i>Registration</i>	
10:15 – 10:25	Opening by L. Carleson	
10:30 – 11:20	H. Eliasson	KAM for NLS
11:20 – 13:30	<i>Lunch</i>	
13:30 – 14:20	J.-P. Eckmann	A topological glass
14:20 – 14:30	<i>Break</i>	
14:30 – 15:20	A. Kupiainen	Random weldings
15:20 – 15:50	<i>Coffe break</i>	
15:50 – 16:40	S. Smirnov	Quasiconformal maps and harmonic measure

### Thursday May 28

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
09:30 – 10:20	K. Astala	The nonlinear Fourier transform and inverse problems for degenerate elliptic equations
10:20 – 10:50	<i>Coffe break</i>	
10:50 – 11:40	N. Makarov	Ward identities in statistical mechanics and conformal field theory
11:40 – 13:30	<i>Lunch break</i>	
13:30 – 14:20	M. Zinsmeister	Variations of the Hausdorff dimension of quadratic Julia sets
14:20 – 14:30	<i>Break</i>	
14:30 – 15:20	M. Sodin	Weighted exponential approximation on the real axis
15:20 – 15:50	<i>Coffe break</i>	
15:50 – 16:40	M. Jonsson	Polynomial dynamics in two complex dimensions
19:00 -	<i>Conference dinner</i>	

## Friday May 29

<b>Time:</b>	<b>Speaker</b>	<b>Title</b>
09:30 – 10:20	J. Graczyk	Schwarzian derivative in conformal dynamics
10:20 – 10:50	<i>Coffe break</i>	
10:50 – 11:40	V. Baladi	Towards linear response for smooth one-dimensional dynamics – the Benedicks-Carleson case.
11:40 – 13:30	<i>Lunch break</i>	
13:30 – 14:20	F. Przytycki	Equilibria and analyticity of geometric pressure for iteration of rational maps
14:20 – 14:30	<i>Break</i>	
14:30 – 15:20	N. Sibony	On the dynamics of holomorphic foliations by Riemann Surfaces
15:20 – 15:50	<i>Coffe break</i>	
15:50 – 16:40	F. Ledrappier	Linear drift and noncommutative ergodic theorems

## Saturday May 30

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
09:30 – 10:20	M. Viana	Absolute continuity, Lyapunov exponents, and rigidity
10:20 – 10:50	<i>Coffe break</i>	
10:50 – 11:40	P. Jones	Random Weldings: Part 2
13:30 -	<i>Boat trip</i>	