

CoDY

Warwick
Mathematics Institute

Conformal Structures and Dynamics

11th–15th June 2007 *Organiser: Sebastian van Strien*

EU Research Training Network CoDY - Conformal Structures and Dynamics

Warsaw – Helsinki – Orléans – Barcelona – Kiel – RUC – TEI of WM – Genève

<http://www.maths.warwick.ac.uk/~strien/cody/cody-home.html>

Monday 11 June 2007

10:00	Steering Committee	B1.01
12:00	Registration	B1.37 and Lunch in the Mathematics Institute Common Room
13:45 – 14:35	Stanislav Smirnov	MS.03 <i>Conformal invariance in 2D lattice models</i>
14:40 – 15:30	Kari Astala	MS.03 <i>Topics in the quasiconformal method</i>
16:00 – 16:50	Carsten Petersen	MS.03 <i>Quadratic polynomials as limits of renormalizations of degenerating quadratic rational maps</i>
17:00	Steering Committee/Scientific Committee	MS.03

Tuesday 12 June 2007

09:40 – 10:30	Athanasios Batakis	MS.03 <i>On Brownian flights</i>
11:00 – 11:50	Kari Astala	MS.03 <i>Topics in the quasiconformal method</i>
11:55 – 12:45	Joerg Schmeling	MS.03 <i>Fractal and multifractal aspects in dynamical systems</i>
13:45 – 14:35	Anna Zdunik	MS.03 <i>Maximizing measures on non-compact spaces</i>
14:40 – 15:30	Walter Bergweiler	MS.03 <i>Dynamics of meromorphic functions with direct singularities</i>
16:00 – 16:50	Pierre Levitz	MS.03 <i>Intermittent Brownian dynamics and first passage statistics: a physicist point of view</i>
16:55 – 17:45	Viviane Baladi	MS.03 <i>Linear response in the absence of structural stability</i>
19:30 – 20:10	Magnus Aspenberg	MS.03 <i>Mating non renormalisable quadratic polynomials</i>
19:30 – 20:10	Neil Dobbs	MS.04 <i>More ergodic properties of rational maps</i>
20:10 – 20:50	Krzysztof Baranski	MS.03 <i>Julia sets of some hyperbolic entire maps of finite order</i>
20:10 – 20:50	Samuel Lelievre	MS.04 <i>Multigeodesic tessellations of surfaces and uniformisation</i>
20:50 – 21:30	Bartłomiej Skorulski	MS.03 <i>Dynamics of some class of meromorphic functions</i>
20:50 – 21:30	Anja Kabelka	MS.04 <i>Quadratic rational maps: dynamical limits and disappearing limbs</i>

Wednesday 13 June 2007

09:00 – 09:20	Nicalae Mihalache	MS.03 <i>Collet-Eckmann condition for recurrent critical orbits</i>
09:20 – 09:40	Jordi Taixes	MS.03 <i>Connectivity of Julia sets of transcendental functions</i>
09:40 – 10:00	Ruben Berenguel	MS.03 <i>Singular values and Siegel disks</i>
10:30 – 11:20	Joerg Schmeling	MS.03 <i>Fractal and multifractal aspects in dynamical systems</i>
11:25 – 12:15	Nuria Fagella	MS.03 <i>Deformation of entire transcendental functions</i>
13:45 – 14:30	Kari Astala	MS.03 <i>Topics in the quasiconformal method</i>
14:35 – 14:50	Eva Uhre	MS.03 <i>Limits of quadratic rational maps</i>
14:50 – 15:05	Nikita Selinger	MS.03 <i>Thurston's characterisation theorem</i>
15:05 – 15:20	Johan Nilsson	MS.03 <i>Diadically badly approximable numbers</i>
15:20 – 15:35	Yauhan Mikulich	MS.03 <i>Yoccoz Theorem</i>
16:00	Royal Shakespeare Theatre	Coach leaves from the rear of Mathematics Institute

Thursday 14 June 2007

09:00 – 09:20	Helena Mihaljevic-Brandt	MS.03 <i>Landing of dynamic rays of entire transcendental functions</i>
09:25 – 09:35	Dominique Fleischmann	MS.03 <i>TBA</i>
09:40 – 10:30	Oleg Kozlovski	MS.03 <i>Rigidity of non renormalizable complex polynomials</i>
11:00 – 11:50	Joerg Schmeling	MS.03 <i>Fractal and multifractal aspects in dynamical systems</i>
11:55 – 12:45	Tan Lei	MS.03 <i>Combinatorics and surgeries</i>
13:45 – 14:35	Janina Kotus	MS.03 <i>Invariant measures for transcendental functions</i>
14:40 – 15:30	Alexandre Eremenko	MS.03 <i>Direct singularities and completely invariant domains for entire functions</i>
16:00 – 16:50	Henk Bruin	MS.03 <i>L^p invariant densities for interval maps without growth conditions on critical orbits.</i>
17:00 – 17:50	Adam Epstein	MS.03 <i>Transversality</i>
19:30 – 20:10	Thomas Jordan	MS.03 <i>Self-similar sets with positive measure but empty interior</i>
19:30 – 20:10	Gwyneth Stallard	MS.04 <i>Functions of small growth with no unbounded Fatou components.</i>
20:10 – 20:50	Christopher Penrose	MS.03 <i>Parameter dynamic correspondence for rotations</i>
20:10 – 20:50	Boguslawa Karpińska	MS.04 <i>Accessible points in the boundaries of attracting basins for some entire maps</i>
20:50 – 21:30	Lasse Rempe	MS.04 <i>Escaping components of transcendental entire functions</i>
20:50 – 21:30	Pablo Shmerkin	MS.03 <i>Sums of dynamically defined Cantor sets</i>
21:30 – 21:40	Agata Kwasnicka	MS.03 <i>Minimal models in dynamics</i>
21:30 – 21:45	Jörn Peter	MS.04 <i>Hausdorff measure of Julia sets of exponential functions</i>
21:40 – 21:50	Dawid Huczek	MS.03 <i>Minimal models in dynamics</i>

Friday 15 June 2007

09:00 – 09:15	Nikolaos Atreas	MS.03 <i>Sampling expansions on MRA subspaces of $LQ(0,1)$</i>
09:15 – 09:30	Agnieszka Badenska	MS.03 <i>Around the rigidity theorem</i>
09:30 – 09:45	Christophoros Mouratidis	MS.03 <i>TBA</i>
09:45 – 10:00	Ludwig Jaksztas	MS.03 <i>Hausdorff dimension of Julia sets for Z^2+c, $c \in \mathbb{C}$</i>
10:30 – 11:20	Antonois Bisbas	MS.03 <i>Normal numbers and a class of singular probability measures</i>
11:20 – 12:10	Tan Lei	MS.03 <i>Combinatorics and surgeries</i>
13:40 – 13:55	Keeley Dias	MS.03 <i>Complex Polynomial vector fields</i>
1355 – 1410	Carlos Cabrera	MS.03 <i>Combinations in laminations associated to quadratic polynomials</i>
1410 – 1425	Albert Klop	MS.03 <i>Removable sets for bounded k-quasiregular mappings</i>
1430 – 1520	Manfred Denker	MS.03 <i>Polynomial skewproducts in \mathbb{C}^2</i>
pm	Poster sessions	

IF YOU HAVE ANY QUESTIONS FOR PROBLEMS DURING THIS WORKSHOP
PLEASE SEE EITHER HAZEL HIGGENS OR YVONNE COLLINS IN ROOM B1.37.

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