

Renormalization in low dimensional dynamics and its applications

University of Warwick 13-17 December 2010

PROGRAMME

All talks will be held in Room MS.03, Mathematics Institute

Monday December 13

10:00 - 11:00		Coffee and Registration in the Mathematics Common Room
11:00 - 12:00	W. de Melo	<i>Renormalization for Unicritical Maps, Recent Advances and Proofs 1/3</i>
12:00 - 14:00		Lunch Break
14:00 - 15:00	H. Koch	<i>Renormalization of Hamiltonians and Vector Fields 1/2</i>
15:00 - 15:30		Tea in the Mathematics Common Room
15:30 - 16:30	J. Rivera-Letelier	<i>Statistical Properties of One Dimensional Maps 1/3</i>
16:50 - 17:50	K. Khanin	<i>Critical Circle Maps and Renormalization 1/2</i>
18:30		Dinner at Scarman House

Tuesday December 14

09:30 - 10:30	W. de Melo	<i>Renormalization for Unicritical Maps, Recent Advances and Proofs 2/3</i>
10:30 - 11:00		Coffee in the Mathematics Common Room
11:00 - 12:00	H. Koch	<i>Renormalization of Hamiltonians and Vector Fields 2/2</i>
12:00 - 14:00		Lunch Break
14:00 - 15:00	J. Rivera-Letelier	<i>Statistical Properties of One Dimensional Maps 2/3</i>
15:00 - 15:30		Tea in the Mathematics Common Room
15:30 - 16:30	K. Khanin	<i>Critical Circle Maps and Renormalization 2/2</i>
16:50 - 17:50	E. de Faria	<i>Boundary Values of Trans Quasi-conformal Maps</i>

Wednesday December 15

09:30 - 10:30	W. de Melo	<i>Renormalization for Unicritical Maps, Recent Advances and Proofs 3/3</i>
10:30 - 11:00		Coffee in the Mathematics Common Room
11:00 - 12:00	O. Kozlovski	<i>Quasi-conformal Rigidity for Non-renormalizable Polynomials and Box Mappings 1/2</i>
12:00 - 13:30		Lunch Break
13:30 - 14:30	J. Rivera-Letelier	<i>Statistical Properties of One Dimensional Maps 3/3</i>
14:40 - 15:40	M. Martens	<i>Probabilistic Universality 1/2</i>
15:40 - 16:00		Tea in the Mathematics Common Room
16:00 - 17:00	M. Martens	<i>Probabilistic Universality 2/2</i>
17:00		Bus to Birmingham for German Market, dinner and live music
23:30		Return bus to Radcliffe House and MRC

For further information on these and other events see:

go.warwick.ac.uk/mathsevents

or contact: **Mathematics Research Centre, Zeeman Building,
University of Warwick, Coventry CV4 7AL, UK**

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PROGRAMME (cont.)

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Thursday December 16

09:30 - 10:30	P. Roesch	<i>Absence of Invariant Line Fields on the Boundary of Bounded Fatou Components 1/2</i>
10:30 - 11:00		Coffee in the Mathematics Common Room
11:00 - 12:00	O. Kozlovski	<i>Quasi-conformal Rigidity for Non-renormalizable Polynomials and Box Mappings 2/2</i>
12:00 - 14:00		Lunch Break
14:00 - 15:00	D. Cheraghi	<i>Combinatorial Rigidity in the Complex Unicritical Polynomial Family 1/2</i>
15:00 - 15:30		Tea in the Mathematics Common Room
15:30 - 16:30	T. Clark	<i>Regular or Stochastic Dynamics in Families of Unimodal Maps 1/2</i>
16:50 - 17:50	P. Roesch	<i>Absence of Invariant Line Fields on the Boundary of Bounded Fatou Components 2/2</i>

Friday December 17

09:30 - 10:30	G. Levin	<i>Dynamics and Universality of One-dimensional Maps with Infinite Criticality</i>
10:30 - 11:00		Coffee in the Mathematics Common Room
11:00 - 12:00	S. van Strien	<i>Quasi-conformal Rigidity for Real Analytic Maps</i>
12:00 - 14:00		Lunch Break
14:00 - 15:00	D. Cheraghi	<i>Combinatorial Rigidity in the Complex Unicritical Polynomial Family 2/2</i>
15:00 - 15:30		Tea in the Mathematics Common Room
15:30 - 16:30	T. Clark	<i>Regular or Stochastic Dynamics in Families of Unimodal Maps 2/2</i>
16:50 - 17:50	C. Tresser	<i>Renormalization; Prospectives</i>
19:00		Brazilian music (party) and dinner in The Street, Mathematics Institute

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