WMI Ergodic Theory and Dynamical Systems

Monday 11 - Friday 15 July 2011

CHANGE OF PROGRAMME

All talks to be held in Room **B3.03**

Monday 11th July

From 09:00	Registration in B1.37	
12:30-14:00		Manning Fest: Lunch in the Street, Mathematics Institute
14:00-14:50	**Károly Simon** (Budapest)	*Algebraic difference of random Cantor sets*
15:00-15:50	**Gonzalo Contreras** (Mexico)	*Generically the 2-sphere has an elliptic closed geodesic*
16:00-16:30		Tea and cakes in the Mathematics Institute Common Room
16:30-17:20	**Keith Burns** (Northwestern)	*On the dimension of the level sets for the Lyapunov exponent of a geodesic flow*
17:30-18:10	**Feliks Przytycki** (Warsaw)	*Some of Anthony Manning's mathematical achievements*
18:10		Reception and dinner in the Street, Mathematics Institute

Tuesday 12th July

09:00-09:50	**Serge Troubetzkoy** (Marseille)	*Recurrence of the periodic Ehrenfest wind tree model (periodic planar billiards)*
10:00-10:50	**Omri Sarig** (Weizmann Institute)	*Symbolic dynamics for surface diffeomorphisms (I)*
11:00-11:30		Coffee in the Mathematics Institute Common Room
11:30-12:20	**Weixiao Shen** (Singapore)	*Stochastic stability of non-uniformly expanding interval maps (I)*
12:30-14:00		Lunch in the Mathematics Institute Common Room
14:00-14:50	**Sébastien Ferenczi** (Marseille)	*Ergodic generalizations of the Lagrange spectrum*
15:00-15:50	**Nicolai Haydn** (Los Angeles)	*Return time distribution for unions of cylinder sets for non-uniformly expanding maps*
16:00-16:30		Tea in the Mathematics Institute Common Room
16:30-17:20	**Sandro Vaienti** (Marseille)	*Polynomial decay for Non Markov maps*
18:00		Dinner in the Street, Mathematics Institute

Wednesday 13th July

09:00-09:50	**Michal Misiurewicz** (Indianapolis)	*Concavity implies attraction*
10:00-10:50	**Omri Sarig** (Weizmann Institute)	*Symbolic dynamics for surface diffeomorphisms (II)*
11:00-11:30		Coffee in the Mathematics Institute Common Room
11:30-12:20	**Weixiao Shen** (Singapore)	*Stochastic perturbation of one dimensional maps (II)*
12:30-14:00		Lunch in the Mathematics Institute Common Room
14:00-14:50	**Ilya Goldsheid** (London)	*Products of random transformations and random walks in random environments*
15:00-15:50	**Short Talks: Programme to be announced**	
16:00-16:30		Tea in the Mathematics Institute Common Room

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**
E-mail: **mrc@maths.warwick.ac.uk**
Phone: **+44 (0)24 7652 8317** Fax: **+44 (0)24 7652 3548**

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Thursday 14th July

09:00-09:50	**Edson Vargas** (Sao Paulo)	*Dirac physical measures and transitive flows*
10:00-10:50	**Genadi Levin** (Jerusalem)	*On the problem of "wild attractor" in one-dimensional dynamics*
11:00-11:30		Coffee in the Mathematics Institute Common Room
11:30-12:20	**Weixiao Shen** (Singapore)	*Stochastic stability of non-uniformly expanding interval maps (III)*
12:30-14:00		Lunch in the Mathematics Institute Common Room
14:00-14:50	**Konstantin Khanin** (Toronto)	*TBA*
15:00-15:50	**Andrew Török** (Houston)	*Convergence of moments for Axiom A and nonuniformly hyperbolic flows*
16:00-16:30		Tea in the Mathematics Institute Common Room
16:30-17:20	**Mary Rees** (Liverpool)	*Followers are back*
18:00		Dinner in the Street, Mathematics Institute

Friday 15th July

09:00-09:50	**Cecilia González Tokman** (Victoria)	*Semi-invertible multiplicative ergodic theorems*
10:00-10:50	**Philippe Thieullen** (Bordeaux)	*Zero-temperature Gibbs measures for some subshifts of finite type*
11:00-11:30		Coffee in the Mathematics Institute Common Room
11:30-12:20	**Jon Aaronson** (Tel Aviv)	*Rational weak mixing in infinite measure spaces*
12:30-14:00		Lunch in the Mathematics Institute Common Room
14:00-14:50	**Anatoly Vershik** (St Petersburg)	*Dynamics of the metric in ergodic theory and scaling entropy*
15:00-15:30		Tea in the Mathematics Institute Common Room
15:30	Depart	

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