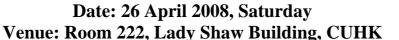


Department of Mathematics
Institute of Mathematical Sciences
The Chinese University of Hong Kong

數學系 數學科學研究所 香港中文大學

Workshop on Dynamical Systems and Analysis on Fractals

Workshop Schedule



	Time	Speaker	Title		
9:00am	— 9.50am	Professor Quan-Sheng Liu (Univ. of South Brittany)	Mandelbrot's cascades and branching random walks in random environment		
10:00am	— 10:30am	Professor Pablo Shmerkin (Univ. of Manchester)	Fractal percolation and visibility		
10:30am	— 10:45am	~ Tea break ~			
10:45am	— 11:15am	Professor Xiang-Yang Wang (Zhong-Shan Univ.)	Self-similar sets as hyperbolic boundaries		
11:25am	— 11:55am	Professor Yuan-Ling Ye (South China Normal Univ.)	Hausdorff dimension of sub-self-conformal sets.		
	~ Lunch break ~				
2:00pm	— 2:50pm	Professor Pierre Liardet (Univ. de Provence)	Dynamical and harmonical structures behind numeration systems		
3:00pm	— 3:30pm	Dr. Lin Shu (Peking University)	Some applications of random dynamical systems in dimension analysis		
3:30pm	— 3:45pm	~ Tea break ~			

Time		Speaker	Title	
3:45pm	— 4:15pm	Professor Jun Luo (Zhong-Shan University)	Neighbor numbers of 2D tiling	
4:25pm	— 4:55pm	Dr. Guo-Hua Zhang (Fudan Univ. & CUHK)	Lowering entropy over subsets in dynamical systems	
5:05pm	— 5:35pm	Professor Tian-Jia Ni (Tsinghua Univ.)	The self-affine property of (U,r)-Carlitz sequence of polynomials	
6:30pm		~ ~ Banquet at Chung Chi College Staff Club ~ ~		

Date: 27 April 2008, Sunday Venue: Room 222, Lady Shaw Building, CUHK

Time		Speaker	Title	
9:00am	— 9.30am	Professor Ka-Sing Lau (CUHK)	Heat kernel on metric measure spaces	
9:40am	— 10:10am	Dr. Jonathan Tsai (CUHK)	Restriction measures on Riemann surface	
10:10am	— 10:25am	~ Tea break ~		
10:25am	— 10:55am	Professor Sheung-Chi Yam (Hong Kong Poly. Univ.)	Space-filling rough paths and an application to geometric integration theory	
11:05am	— 11:35am	Professor Patrick Ng (University of Hong Kong)	Smale's mean value conjecture and the Amoebae	
11:45am	— 12:15noon	Professor De-Jun Feng (CUHK)	Ergodic theory of iterated function systems	

