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# School on Algebraic, Geometric and Probabilistic Aspect of Dynamical Systems and Control Theory | (smr 2865)

## Monday 04 July 2016

**notitle - LB (Budinich Lecture Hall) (08:15-21:00)**

time	title	presenter
08:15	Registration	
09:00	Opening	LUZZATTO, S. BUFETOV, S.
09:30	Kerov-Vershik method in Pickrell's classification	Y. QIU
10:15	Break	
10:45	Introduction to smooth group actions and rigidity	F. HERTZ
11:30	Break	
11:45	Dynamics of group actions on homogeneous spaces	A. MOHAMMADI
12:30	Lunch break	
14:30	Exercise class	
19:00	Welcome Reception	

## Tuesday 05 July 2016

### **notitle - LB (Budinich Lecture Hall) (09:00-16:00)**

time	title	presenter
09:00	Introduction to smooth group actions and rigidity	F. HERTZ
09:45	Break	
10:15	Kerov-Vershik method in Pickrell's classification	Y. QIU
11:00	Break	
11:15	Dynamics of group actions on homogeneous spaces	A. MOHAMMADI
12:00	Lunch break	
14:00	Poster session	

## Wednesday 06 July 2016

### **notitle - LB (Budinich Lecture Hall) (09:00-16:30)**

time	title	presenter
09:00	Kerov-Vershik method in Pickrell's classification	Y. QIU
09:45	Break	
10:15	Dynamics of group actions on homogeneous spaces	A. MOHAMMADI
11:00	Break	
11:15	Introduction to smooth group actions and rigidity	F. HERTZ
12:00	Group photo	
12:10	Lunch break	
14:00	Exercise class	
16:00	Entropy for partially hyperbolic diffeomorphisms with low dimensional center	SAGHIN, R.

# Thursday 07 July 2016

## **notitle - LB (Budinich Lecture Hall) (09:00-18:00)**

time	title	presenter
09:00	Dynamics of group actions on homogeneous spaces	A. MOHAMMADI
09:45	Break	
10:15	Introduction to smooth group actions and rigidity	F. HERTZ
11:00	Break	
11:15	Kerov-Vershik method in Pickrell's classification	Y. QIU
12:00	Lunch break	
14:00	Equilibrium States are determined by their unstable conditionals	P. CARRASCO
14:30	Integrability of continuous bundles	WAR, K.M.
15:00	Strong hyperbolicity of high entropy measures	A. TAHZIBI
16:00	Group discussions	

# Friday 08 July 2016

## **notitle - LB (Budinich Lecture Hall) (09:00-21:00)**

time	title	presenter
09:00	Functional Central Limit Theorem for the Sine-process	A. DYMOV
09:45	Break	
10:15	Random Matrix Theory and Infinite-dimensional Stochastic Differential Equations	H. OSADA
11:00	Break	
11:15	Equilibrium states for geodesic flow in non-positive curvature	CLIMENHAGA, V.
12:00	Lunch break	
14:00	Limit theorem for interval exchange maps	A. KLIMENKO
14:30	Rigidity for partially hyperbolic diffeomorphism	VARAO, R.
15:00	Invariant measures for the actions of infinite classic groups on the spaces of infinite matrices	P. NIKITIN
15:30	Toeplitz determinants with merging singularities	I. KRASOVSKY
19:00	Social Dinner	

# Monday 11 July 2016

## **notitle - LB (Budinich Lecture Hall) (09:00-16:30)**

time	title	presenter
09:00	Brownian motion, evolving geometries and entropy formulas	A. THALMAIER
09:45	Break	
10:15	Counting Techniques	S. FILIP
11:00	Break	
11:15	Symbolic dynamics for low-dimensional systems with positive entropy	Y. LIMA
12:00	Lunch break	
14:00	Exercise class	
16:00	Examples of new partially hyperbolic diffeomorphism	PARWANI, K.



# Tuesday 12 July 2016

## **notitle - LB (Budinich Lecture Hall) (09:00-17:15)**

time	title	presenter
09:00	Counting Techniques	S. FILIP
09:45	Break	
10:15	Symbolic dynamics for low-dimensional systems with positive entropy	Y. LIMA
11:00	Break	
11:15	Brownian motion, evolving geometries and entropy formulas	A. THALMAIER
12:00	Lunch break	
14:00	Totally non-free actions and invariant random subgroups	R. GRIGORCHUK
15:00	Regularity of the drift in negative curvature	F. LEDRAPPIER
16:30	Palm Measures	BUFETOV, S.

## Wednesday 13 July 2016

### **notitle - LB (Budinich Lecture Hall) (09:00-16:00)**

time	title	presenter
09:00	Symbolic dynamics for low-dimensional systems with positive entropy	Y. LIMA
09:45	Break	
10:00	Brownian motion, evolving geometries and entropy formulas	A. THALMAIER
10:45	Break	
11:00	Counting Techniques	S. FILIP
11:45	Lunch break	
14:00	Exercise class	

# Thursday 14 July 2016

## **notitle - LB (Budinich Lecture Hall) (09:00-23:00)**

time	title	presenter
09:00	Brownian motion, evolving geometries and entropy formulas	A. THALMAIER
09:45	Break	
10:15	Counting Techniques	S. FILIP
11:00	Break	
11:15	Symbolic dynamics for low-dimensional systems with positive entropy	Y. LIMA
12:00	Lunch break	
14:00	Quantum ergodicity and Benjamini-Schramm convergence of hyperbolic surfaces	T. SAHLSTEN
14:30	Cohomological equations for suspension flows over Vershik automorphisms	D. ZUBOV
15:00	Thermodynamics of the Katok Map	Y. PESIN
19:30	ICTP Cuban Party	

# Friday 15 July 2016

## **notitle - LB (Budinich Lecture Hall) (09:00-15:00)**

time	title	presenter
09:00	Group discussions	
13:00	Lunch break	