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School and Workshop on Mixing and Control | (smr 3324)

Monday 16 September 2019

REGISTRATION & ADMINISTRATIVE FORMALITIES - Budinich Lecture Hall (LB)
(08:30-09:15)

OPENING SESSION - Budinich Lecture Hall (LB) (09:15-09:30)

Session 1 - Budinich Lecture Hall (LB) (09:30-14:30)

time	title	presenter
09:30	Mixing for nonlinear PDEs, perturbed by bounded random forces - I	KUKSIN, Sergei
11:00	Break	
11:30	Introduction to Geometri Control Theory - I	AGRACHEV, Andrei
13:00	Lunch break	

Session 2 - Budinich Lecture Hall (LB) (14:30-18:00)

time	title	presenter
14:30	Mixing for nonlinear PDEs, perturbed by bounded random forces - II	KUKSIN, Sergei
16:00	Break	
16:30	Introduction to Geometric Control Theory - II	AGRACHEV, Andrei

Tuesday 17 September 2019

Session 3 - Budinich Lecture Hall (LB) (09:00-14:00)

time	title	presenter
09:00	A Review of Heat Transport in Hamiltonian Systems - I	ECKMANN, Jean-Pierre
10:30	Break	
11:00	Introduction to Geometric Control Theory - III	AGRACHEV, Andrei
12:30	Lunch break	

Session 4 - Budinich Lecture Hall (LB) (14:00-16:30)

time	title	presenter
14:00	Mixing for nonlinear PDEs, perturbed by bounded random forces - III	KUKSIN, Sergei
15:30	Break	
16:00	TBC	

Session 5 - Budinich Lecture Hall (LB) (16:30-17:30)

COLLOQUIUM - Jean-Pierre ECKMANN (University of Geneva, Switzerland)

Optics, Vision and Evolution after Mitchell Feigenbaum 1944-2019

(Light refreshments will be served after the talk)

Wednesday 18 September 2019

Session 6 - Budinich Lecture Hall (LB) (09:00-14:00)

time	title	presenter
09:00	Introduction to Geometric Control Theory - IV	AGRACHEV, Andrei
10:30	Break	
11:00	Mixing for nonlinear PDEs, perturbed by bounded random forces - IV	KUKSIN, Sergei
12:30	Lunch break	

Session 7 - Budinich Lecture Hall (LB) (14:00-17:30)

time	title	presenter
14:00	A Review of Heat Transport in Hamiltonian Systems - II	ECKMANN, Jean-Pierre
15:10	A Controllability Approach to SDEs Driven by Degenerate Noises and Applications to Networks of Oscillators	RAQUEPAS, Renaud
16:20	On the Growth of Sobolev Norms of a Stochastic CGL Equation with Arbitrary Space Dimension	HUANG, Guan

Session 8 - Budinich Lecture Hall (LB) (18:30-21:30)

RECEPTION

to be held in the CAFETERIA

Thursday 19 September 2019

Session 9 - Budinich Lecture Hall (LB) (09:00-14:00)

time	title	presenter
09:00	Stochastic areas and windings	BAUDOIN, Fabrice
10:00	Break	
10:10	Heat and Schroedinger Evolution on Degenerate Riemannian Structures	BOSCAIN, Ugo
11:20	Control theory and large deviation principles for PDEs	SHIRIKYAN, Armen
12:30	Lunch break	

Session 10 - Budinich Lecture Hall (LB) (14:00-17:20)

time	title	presenter
14:00	Stochastic Gross Pitaevskii Equation and Invariant Measure	DE BOUARD, Anne
15:00	Break	
15:10	On the Zakharov-L'vov Stochastic Model for Wave Turbulence	DYMOV, Andrey
16:10	Break	
16:20	Stabilization of Nonlinear Systems by Oscillating Controls with Application to Nonholonomic and Fluid Dynamics	ZUYEV, Alexander

Friday 20 September 2019

Session 11 - Budinich Lecture Hall (LB) (08:00-13:40)

time	title	presenter
09:00	Simultaneous Control of Ensembles of Dynamical Systems	SARYCHEV, Andrey
10:00	Ergodicity for the Randomly Forced Navier-Stokes System in a Two-Dimensional Unbounded Domain	NERSESYAN, Vahagn
11:00	Break	
11:30	Solving the 4NLS with White Noise Initial Data	TZVETKOV, Nikolay
12:30	Invariants States in Stochastically Forced Boussinesq Equations	FOLDES, Juraj
13:30	CLOSING SESSION	