

DOCTORAL SCHOOL

Young Mathematicians in Dynamical Systems (1097)

Dates: 25-29 November 2013 at CIRM (Marseille, France)

SCHEDULE

Monday 25 November

2-3.30 pm General presentation I-1: B.Hasselblatt

4-5.30 pm General presentation II-1: K.Burns

Tuesday 26 November

9-10.30 am General presentation III-1: C.Matheus

11-12.30 pm General presentation I.2: B.Hasselblatt

2-3 pm: Adrien Boyer (Marseille) *Property of Rapid Decay (RD) and ergodic theory: the case of $SL(2, R)$.*

3.15-4.15 pm: Alba Malaga (Orsay) *Generic minimality and almost sure conservativity for a family of dynamical systems on the cylinder $S^1 \times Z$.*

4.45-5.45 pm: Damien Thomine (Rennes) *Precise statistical properties of the geodesic flow on periodic hyperbolic manifolds.*

Wednesday 27 November

9-10.30am General presentation II-2: K.Burns

11-12.30 pm General presentation III.2: C.Matheus

2-3 pm Olga Romaskevich (Lyon) *Potentials with closed orbits and surfaces with closed geodesics. Survey and open questions.*

3.15-4.15 pm Pierre Dehornoy (Grenoble) *Which geodesic flows are left-handed?*

4.45-5.45 pm Pierre-Antoine Guihéneuf (Orsay) *Dynamique des discrétisations spatiales des homéomorphismes et des difféomorphismes.*

Thursday 28 November

9-10.30 am General presentation I.3: B.Hasselblatt

11-12.30 pm General presentation II.3: K.Burns

2-3 pm Nadir Maaroufi (Rabat) *Fractal dimension per unit length and Kolmogorov's functional dimension.*

3.15-4.15 pm Jean-Claude Picaud (Tours) *Ergodic theory of Patterson measures for rank one manifolds : some questions and answers.*

4.45-5.45 pm Sandrine Daurat (Paris) *Non pluri-polar attractors.*

Friday 29 November

9-10 am Sarah Bray (Tufts Boston) *Dynamics of low-regularity Hilbert geometries.*

10.30-12 pm General presentation III-3: C.Matheus