

Program
Auditorium Ricardo Mañe

Hour	Monday, 19	Tuesday, 20	Wednesday, 21	Thursday, 22	Friday, 23
10:00 - 11:00	Registration				
11:00 - 12:00	Vitaly Bergelson (Ohio State University, USA) <i>Some recent results and open problems in Ergodic Ramsey Theory</i>	Harald Helfgott (CNRS, France) <i>The ternary Goldbach conjecture</i>	János Pintz (Alfréd Rényi Institute of Mathematics, Hungary) <i>Arbitrarily long arithmetic progressions of generalized twin primes</i>	Artur Avila (IMPA, Brazil/CNRS, France) <i>The billiard on the regular polygon</i>	Alex Eskin (University of Chicago, USA) <i>The $SL(2;R)$ action on Moduli space</i>
12:00 - 14:30	Lunch				
14:30 - 15:30	Yoshiharu Kohayakawa (USP, Brazil) <i>Extremal problems for random discrete structures</i>	Pierre Arnoux (Université Aix-Marseille, France) <i>On Rauzy gasket</i>	Máté Wierdl (University of Memphis, USA) <i>Random differences in arithmetic progressions</i>	Sébastien Ferenczi (IMPA, Brazil/CNRS, France) <i>A self-dual induction for interval exchange transformation</i>	Albert Fisher (USP, Brazil) <i>A proof of Moeckel's theorem on continued fractions</i>
15:30 - 16:30	Boris Adamczewski (CNRS, France) <i>A problem about Mahler functions</i>	Julien Cassaigne (CNRS, France) <i>Which Arnoux-Rauzy words are 2-balanced?</i>	Miguel Walsh (Universidad de Buenos Aires, Argentina) <i>III-distributed sets and discrete algebraic structure</i>	Barak Weiss (Tel Aviv University, Israel) <i>Badly approximable vectors on fractals</i>	Arek Goetz (San Francisco State University, USA) Combinatorial and integer properties of two dimensional piecewise rotations
16:30 - 17:00	Coffee Break				
17:00 - 18:00	Ali Messaoudi (UNESP - S.J. do Rio Preto, Brazil) <i>Adding machine and Julia sets</i>	Magna Talk: Elon Lindenstrauss (Hebrew University, Israel) <i>Homogeneous dynamics and diagonalizable actions</i>	Poster Session and Wine	Elon Lindenstrauss (Hebrew University, Israel) <i>An effective proof of the Oppenheim Conjecture</i>	Nilson Bernardes (UFRJ, Brazil) <i>Generic dynamics of the Cantor space</i>
18:00		Cocktail			