

# Conference Probability and Dynamics

9-12/05/2023 - Station Biologique de Roscoff

Thematic semester 2023 on Probability of the Centre Henri Lebesgue (ANR-11-LABX-0020-01)

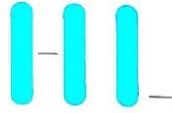


## Talks

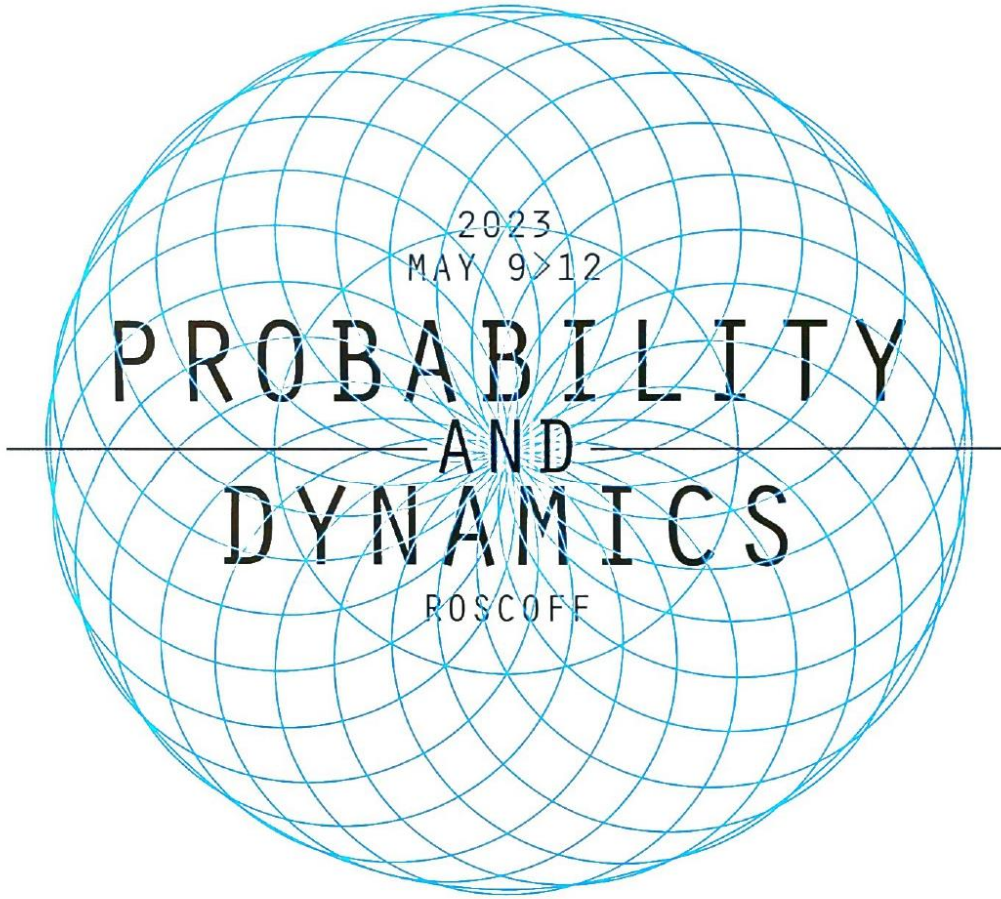
1. Sakshi JAIN (Roma Tor Vergata, Tu 9h): On dynamics of non-Markov systems
2. Maria SAPRYKINA (KTH, Stockholm, Tu 10h30) : Erratic behaviour for one-dimensional random walks in a generic quasi-periodic environment
3. Julien TRÉVISAN (IMJ-PRG, Tu 11h30): Limit laws in the lattice point problem
4. Stefano GALATOLO (Pisa, Tu 16h30) : Self Consistent Transfer Operators in a Weak and Not So Weak Coupling Regime. Invariant Measures, Convergence to Equilibrium, Linear Response
5. Ian MELBOURNE (Warwick, Tu 17h30): Interpretation of stochastic integrals, and the Levy area
6. Sara BROFFERIO (Paris-Est Créteil, We 10h30) : Random walks on semigroup of matrices: the case of rank one matrices
7. Jean-François QUINT (Bordeaux, We 11h30) : Local limit theorems for conditioned Birkhoff sums
8. Emmanuel LESIGNE (Tours, We 14h30) :
9. Julien BRÉMONT (Paris-Est Créteil, We 15h) : Random walk in a stratified quasi-periodic environment in the plane
10. Guy COHEN (Ben-Gurion, We 16h30) : On the empirical process sampled along a stationary process
11. Krzysztof FRACZEK (Nicolaus Copernicus University Torun, We 17h30) : Deviation Spectrum of Ergodic Integrals for Locally Hamiltonian Flows on Surfaces
12. Richard AOUN (Gustave Eiffel, Marne-la-vallée, Th 9h) : Stationary probability measures on the projective space
13. Çağrı SERT (Zürich, Th 10h30) : Counting limit theorems for representations of Gromov-hyperbolic groups
14. Jérôme DEDECKER (Paris Cité, Th 11h30) : Mixing properties of a class of dynamical systems
15. Hong-Kun ZHANG (UMASS, Amherst, Th 16h30) : Hyperbolicity & entropy of convex billiards
16. Kasun FERNANDO (SNS Pisa, Th 17h30) : Limit Theorems for a class of unbounded observables with an application to "Sampling the Lindelöf hypothesis"
17. Nguyen-Thi DANG (Paris-Saclay, Orsay, Fr 9h) : Equidistribution of periodic tori
18. Polina VYTNOVA (Warwick, Fr 10h30) : A new approach to compute Lyapunov exponents
19. Carlos MATHEUS SILVA (Polytechnique, Fr 11h30) : Non-conical strictly convex divisible sets are highly anisotropic



institut  
universitaire  
de France



CENTRE  
HENRI LEBESGUE  
CENTRE DE MATHÉMATIQUES



2023  
MAY 9-12

PROBABILITY  
AND  
DYNAMICS  
ROSCOFF

ORGANIZATION BOARD SCIENTIFIC BOARD

- |   |  |
|---|--|
| <b>CHRISTOPHE CUNY</b><br>UNIV. DE BRETAGNE OCCIDENTALE | <b>BASSAM FAYAD</b><br>UNIV. OF MARYLAND                 |
| <b>SÉBASTIEN GOUÉZEL</b><br>CNRS - UNIV. DE RENNES      | <b>FRANÇOIS LEDRAPPIER</b><br>CNRS - SORBONNE UNIVERSITÉ |
| <b>FRANÇOISE PÈNE</b><br>UNIV. DE BRETAGNE OCCIDENTALE  | <b>FLORENCE MERLEVÈDE</b><br>UNIV. GUSTAVE EIFFEL        |
| <b>BARBARA SCHAPIRA</b><br>UNIV. DE RENNES              | <b>SANDRO VAIENTI</b><br>UNIV. DE TOULON                 |

[WWW.LEBESGUE.FR](http://WWW.LEBESGUE.FR)



WWW.LEBESGUE.FR/FR/PRODY  
DESIGN MATHEMATICS VISUALITY  
WWW.LEJARDINIERGRAPHIQUE.COM  
PHOTOGRAPHY MEDIA GRAPHIC

PARTNERS  
INSTITUT DE RECHERCHE MATHÉMATIQUE DE RENNES  
LABORATOIRE DE MATHÉMATIQUES JEAN LERAY  
DÉPARTEMENT DE MATHÉMATIQUES, ENS RENNES  
LABORATOIRE DE MATHÉMATIQUES DE BRETAGNE ATLANTIQUE  
LABORATOIRE ANGEVIN DE RECHERCHE EN MATHÉMATIQUES  
LABORATOIRE MANCAEU DE MATHÉMATIQUE

SUPPORTS  
AGENCE NATIONALE  
DE LA RECHERCHE  
RÉGION BRETAGNE  
RÉGION PAYS  
DE LA LOIRE

AFFILIATIONS  
UNIV. DE RENNES  
UNIV. RENNES 2  
NANTES UNIVERSITÉ  
UNIV. D'ANGERS  
UNIV. BRETAGNE SUD  
UNIV. DE BRETAGNE OCCIDENTALE  
LE MANS UNIVERSITÉ

CNRS  
INSA RENNES  
INRIA  
ENS RENNES