

Wednesday October 28th		Thursday October 29th		Friday October 30th	
08.45-09.00 (Gay Lussac Amphi)					
Opening Session F. Barbaresco/F.Nielsen					
09.00-10.00 (Gay Lussac Amphi)		09.00-10.00 (Gay Lussac Amphi)		09.00-10.00 (Gay Lussac Amphi)	
Keynote Speaker chaired by D. Bennequin From Geometry and Physics to Computational Linguistics M. Marcolli (Caltech)		Keynote Speaker chaired by F. Nielsen Stochastic Euler-Poincaré Reduction M. Arnaudon (Bordeaux Univ.)		Keynote Speaker chaired by X. Pennec Symmetry Methods in Geometric Mechanics T. Ratiu (EPFL)	
10.00-10.30 Coffee Break		10.00-10.30 Coffee Break		10.00-10.30 Coffee Break	
10.30-12.30		10.30-12.30		10.30-12.30	
Becquerel Amphi	Gay Lussac Amphi	Becquerel Amphi	Gay Lussac Amphi	Becquerel Amphi	Gay Lussac Amphi
Random Geometry & Homology (L. Decreusefond/F. Chazal)	Computational Information Geometry (F. Nielsen/P. Marriot)	Information Geometry Optimization (G. Pistone/Y.Ollivier)	Geometry of Time Series & Linear Dynamical Systems (B. Afsari/A.Cont)	Dimension Reduction on Riemannian Manifolds (X. Pennec/A.Trouvé)	Optimization on Manifold (P.A. Absil/R. Sepulchre)
12.30-13.30 Lunch Break		12.30-13.30 Lunch Break		12.30-13.30 Lunch Break	
13.30-15.30		13.30-15.30		13.30-15.30	
Becquerel Amphi	Gay Lussac Amphi	Becquerel Amphi	Gay Lussac Amphi	Becquerel Amphi	Gay Lussac Amphi
Bayesian and Information Geometry for Inverse Problems (A. Djafari/O.Schwander)	Hessian Information Geometry (M.Boyom/S. Amari)	Optimal Transport (J.F. Marcotorchino/ A. Galichon)	Information Geometry in Image Analysis (G. Verdolaghe/ Y. Berthoumieu)	Shape Space & Diffeomorphic mappings (S. Durrleman/ S. Allasonnière)	Lie Groups: Novel Statistical and Computational Frontiers (J. Jakubowicz/B. Afsari)
15.30-16.00 Coffee Break		15.30-16.00 Coffee Break		15.30-16.00 Coffee Break	
16.00-18.00		16.00-18.00		16.00-18.00	
Gay Lussac Amphi		Becquerel Amphi	Gay Lussac Amphi	Becquerel Amphi	Gay Lussac Amphi
Topological Forms and Information (D. Bennequin/P. Baudot)		Optimal Transport and applications in Imagery/Statistics (J. Bigot/B. Maury)	Probability Density Estimation (S. Said/J. Angulo)	Lie Groups and Geometric Mechanics/Thermodynamics (F. Barbaresco/G. de Saxcé)	Divergence Geometry (M. Broniatowski/I. Csiszar)
18.00-19.00 (Gay Lussac Amphi)		18.00-20.30		18.00-19.00 (Gay Lussac Amphi)	
Short Course chaired by R. Balian (CEA) Geometry on The Set of Quantum States and Quantum Correlations D.Spehner (Grenoble Univ.)		Social Event		Invited Speaker chaired by F. Barbaresco Actions of Lie groups and Lie algebras on symplectic and Poisson manifolds C.M. Marle (UPMC)	
19.00-20.00		20.30-23.30		19.00-19.15 (Gay Lussac Amphi)	
Cocktail (Ecole Polytechnique)		Gala Diner (Gardens of Versailles Palace)		Closing Session F. Barbaresco/F.Nielsen	