THURSDAY

	CCU UADY				Gamma Mérida El Castellano Hotel			
	"Felipe Carrillo Puerto" Theater	Hall 1	Hall 2	Hall 3	Hall 1	Hall 2	Hall 3	Hall 4
8:30	Course, Vincent Tassion (ETH Zurich), *Sharpness of the phase transition in percolation*	**CS, Florencia Leonardi** (Universidade de São Paulo, BR), ***Statistical model selection*** T1, **Andressa Cerqueira** (UNICAMP, BR), *Learning communities in weighted networks (Joint work with Elizaveta Levina)*	**CT, Joaquín Fontbona** (Universidad de Chile, CL), *Bayesian learning with Wasserstein barycenters*	**CT, Felipe Tobar** (Universidad de Chile, CL), *Band-Limited Gaussian Processes: The Sinc Kernel*	**TS, Glauco Valle** (Universidade Federal do Rio de Janeiro, BR), ***Limit Theorems for Random Processes*** T1, **Luiz Renato Fonte** (Universidade de São Paulo, BR), *Random walks in birth-and-death environments*	**CS, Santiago Juan Saglietti** (NYU - Shanghai, CN), ***Gausian free field and related topics*** T1, **Oren Louidor** (Technion Israel Institute of Technology, IL), *Weak convergence for the scaled cover time of the rooted binary tree*	**CS, Octavio Arizmendi** (CIMAT, MX) *Random Matrices* T1, **Jose Alexander Ramirez Gonzalez** (Universidad de Costa Rica,CR), *Limiting processes for non-convex hamiltonians associated to beta-ensembles*	
9:00		T2, **Nancy Garcia** (UNICAMP, BR), *Hidden Markov random field models applied to color homogeneity evaluation in dyed textiles images (joint work with Victor Freguglia and Juliano L. Bicas)*	**CT, Zaida Quiroz** (Pontificia Universidad Católica del Perú, PE), Bayesian Block Nearest Neighbor Gaussian process for large point-referenced data	**CT, Lizbeth Naranjo Albarrán** (UNAM, MX), *A multi-state model addressing ordinal response misclassification for non-decreasing processes*	T2, **Leandro P. R. Pimentel** (Universidade Federal do Rio de Janeiro, BR), *Brownian Aspects of The KPZ Fixed Point*	T2, **Lisa Hartung** (University Mainz, DE), *High points of a random model of the Riemann-Zeta function and Gaussian multiplicative chaos*	T2, **Nicholas Cook** (Stanford University, US), *Convergence to Brown?s spectral measure for polynomials in Ginibre matrices*	
9:30	Course, Vincent Tassion (ETH Zurich), *Sharpness of the phase transition in percolation*	T3, **Roberto Imbuzeiro Oliveira** (IMPA, BR), *Mean-field models for deep neural networks*	**CT, José A. Villaseñor** (Colegio de Postgraduados), *A test of fit for Gaussian stochastic processes*	**CT, Mario Santana-Cibrian** (CONACYT - IMUNAM, MX), *Bayesian inference on the dynamics of acute respiratory diseases in a population structured by age*	T3, **Enrique Guerra** (Pontificia Universidad Católica de Chile, CL), *A proof of Sznitman's conjecture about ballistic RWRE*	T3, **Avelio Sepúlveda** (Université Lyon 1, FR),On level sets of the two-dimensional Gaussian free field	T3, **Camille Male** (CNRS , Université de Bordeaux, FR), *Asymptotic freeness over the diagonal of random matrices*	
10:00		T4, **Florencia Leonardi** (USP, BR), *Strong structure recovery for partially observed discrete Markov random fields on graphs (joint work with Lara Frondana and Rodrigo R.S. Carvalho)*		**CT, Alan Riva-Palacio** (University of Kent, UK), *Bayesian non-parametric survival analysis regression*	T4, **Rodrigo Ribeiro** (Pontificia Universidad Católica de Chile, CL), *The Tree Builder Random Walk*	T4, TBA	T4, **Mario Alberto Díaz-Torres** (CIMAT, MX), *Analysis of artificial neural networks: old and new random matrix theory perspectives*	
10:30 - 11:00	Coffee break (both venues)							
11:00	Course, Vincent Tassion (ETH Zurich), *Sharpness of the phase transition in percolation*	**CS, Carolina Euan** (King Abdullah University of Science and Technology, SA), ***Statistical modeling with biomedical applications*** T1, **Tim Ramsay** (Ottawa Hospital Research Institute, CA), *P-values have no place in non-inferiority clinical trials*	**CT, Elsa Cazelles** (CMM - Center for Mathematical Modeling, CL), *Statistical properties of regularized barycenters in the Wasserstein space*	**CT, Zitlalli Salas Gutiérrez** (CIMAT, MX), *Goodness of fit test by projection selection for high dimensional data*	**CT, Martin Wiegand** (University of Manchester, GB), *New Approaches for Galactic Ellipticity Estimation*		**CT, Alejandro Hernández Wences** (IIMAS-UNAM, MX), *The Bolthausen-Sznitman coalescent: combinatorics and genetics*	
11:30		T2, **F. Javier Rubio** (King's College London, UK), *Net survival models for cancer epidemiology: The Good, The Bad, and The Ugly*	**CT, Michel Cordoba-Perozo** (ICFES - Colombian Institute for Education Assessment, CO), *Item Response Theory: Methodological Proposal for Data Augmentation in Small Samples for Item Parameters Estimation*	**CT, Jairo Diaz-Rodriguez** (Universidad del Norte, CO), *High-dimensional hypothesis testing under sparse and dense alternatives for generalized linear models*	**CT, Izhar Asael Alonzo Matamoros** (Universidad Nacional Autónoma de Honduras, HN), *Bayesian inference with heavy tail distribution for the estimation of the touristic expenditure in Honduras*	**CT, María Inés Armendariz** (Universidad de Buenos Aires, IMAS-Conicet, AR), *Gaussian random permutations and the boson point process*	**CT, Lizbeth Peñaloza Velasco** (IIMAS-UNAM, MX), *The shape of a seed bank tree*	
12:00								
13:00 - 14:30	Lunch							
	Auditorium							
14:30	**TS, Fabrice Gamboa** (Institute du Mathematique de Toulouse, FR), ***Verblunsky coefficients and polynomials in action in probability and statistics*** T1, **Alain Rouault** (Laboratoire de Mathématiques de Versailles, FR), *Large deviations for random measures and sum rules*	T3, **Hernando Ombao** (King Abdullah University of Science and Technology, SA), *Statistical Methods for Analyzing Brain Signals in a Rat Stroke Experiment*	**CT, Abdolnasser Sadeghkhani** (ITAM, MX), *Application of Bayesian Statistics in Hockey*		**TS, Eduardo Gutiérrez-Peña** (IIMAS-UNAM, MX), ***Recent advances in Bayesian modelling based on exponential and conjugate families of distributions*** T1, **Luis Enrique Nieto-Barajas**, (ITAM, MX), *General dependence structures for exponential family models*	**CS, Ricardo Fraiman** (Universidad de la República, UY), ***Statistical Inference for Complex Data*** T1, **Alejandro Cholaquidis** (Universidad de la República, UY), *Stochastic detection of some topological and geometric features*	**CT, Wayne Nelson** (Private consultant, US), *Statistical comparison of sets of recurrence data*	**CS, Israel Martínez Hernández** (King Abdullah University of Science and Technology, SA), ***New developments on time-depended funcitional data*** T1, **Diego Rivera García** (Coppel S.A. de C.V, MX), *A Proposal for Robust Clustering of Time Series*
15:00	T2, **Reda Chhaibi** (Institut de Mathématiques de Toulouse, FR), *On the circle, Kahane's Gaussian multiplicative chaos and circular random matrices match*	T4, **Carolina Euan** (King Abdullah University of Science and Technology Saudi Arabia, SA), *Coherence-based Clustering for Visualization of Brain Connectivity*	**CT, Juan Kalemkerian** (Universidad de la República, UY), *An Independence Test Based on Recurrence Rates*	**CT, Avram Sorin** (National Institute for Economic Research "Costin C. Kiritescu", Romanian Academy and University of Craiova, RO), *Multidimensional models for assessing the impact of urban growth poles on economic convergence under the perspective of regional policies*	T2, **Manuel Mendoza** (ITAM, MX), *Bayesian robustness revisited*	T2, **Leonardo Moreno** (Universidad de la República, UY), *Depths on manifolds*		T2, **Israel Martínez Hernández** (King Abdullah University of Science and Technology, SA), *Nonparametric trend estimation in functional time series*
15:30	T3, **Laure Dumaz** (Laboratoire du CEREMADE Dauphine, FR), Localization of the continuous Anderson Hamiltonian in 1-d and its transition	**CT, Christian Fonseca-Mora** (Universidad de Costa Rica, CR), *Semimartingales and their stochastic calculus on spaces of distributions*	**CT, Oscar Peralta Gutiérrez** (The University of Adelaide, AU), *Rate of strong convergence of stochastic fluid processes to Markov-modulated Brownian motion*	**CT, Osvaldo Angtuncio Hernández** (IMUNAM, MX), *Dini derivatives for exchangeable increment processes and applications*	T3, **Eduardo Gutiérrez-Peña**, (IIMAS-UNAM, MX), *Families of multivariate distributions derived from conjugate exponential family models*	T3, **Manuel Febrero Bande** (Universidad de Santiago de Compostela, ES), TBA	**CT, Luis Ramón Munive Hernández** (Universidad Autónoma de Chapingo, MX), *Spatio-temporal Point Process Analysis of Forest Fires in Mexico State*	T3, **Kimihiro Noguchi** (Western Washington University, US), *Forecasting Intraday Volatility Curves Using Singular Spectrum Analysis*
16:00	T4, **Jérôme Stenger** (EDF and Institut de Mathématiques de Toulouse, FR), *Optimal Uncertainty Quantification of a risk measurement from a thermal-hydraulic code using Canonical Moments*	**CT, Harold A. Moreno Franco** (National Research University Higher School of Economics, RUS), *Controlled jump-diffusion processes*	**CT, Manuel González-Navarrete** (Universidad del Bío-Bío, CL), *Discrete-time dependent processes with memory lapses*	**CT, Arab Idir**, (CMUC, University of Coimbra, PT), *Recent results on stochastic convex transform order*	T4, **Alberto Contreras-Cristán** (IIMAS-UNAM, MX), *Dirichlet process mixtures of von Mises distributions*	T4, **Ricardo Fraiman** (Universidad de la República, UY), *Detection and identification for complex data*	**CT, Ramsés Mena Chávez** (IIMAS-UNAM, MX) *Modal posterior clustering motivated by Hopfield's network*	T4. **Greg Rice** (University of Waterloo, CA), *Inference for the autocovariance of a functional time series, and Goodness-of-Fit tests for fGARCH models*
16:30 - 17:00	Coffee break (both venues)							
17:00	**SLAPEM Assembly**							
21:00	**Conference Dinner** (Ex-Hacienda Ya-aska)							