

SIMPOSIO DE INFERENCIA Y MODELACION ESTADISTICA

21 – 23 NOVIEMBRE 2016
 CIMAT, Guanajuato, Mexico
 Auditorio “José Ángel Canavati Ayub” (G002)

	MONDAY NOVEMBER 21	TUESDAY NOVEMBER 22	WEDNESDAY NOVEMBER 23
9:15 – 10:30	Course <i>Random matrices and high dimensional time series</i> Arup Bose, ISI-Calcuta, India		
10:30 -11:30	Keynote Lecture <i>Recent directions in ‘Big Data’</i> Vijay Nair, University of Michigan, USA Wells Fargo Bank, USA	Keynote Lecture Sequential quasi-Monte Carlo: recent advances and new applications Nicolas Chopin, ENSAE, UK	Keynote Lecture <i>Mixture-based clustering for ordinal data</i> Daniel Fernández Martínez University at Albany, State University of New York (SUNY), USA
11:30 – 12:00	COFFEE BREAK		
12:00 -13:00	Keynote Lecture <i>Nonparametric methods for community discovery in large sparse networks</i> Yulia Gel, University of Texas at Dallas, USA	Keynote Lecture <i>Learning in auctions</i> Andrés Muñoz-Medina, Google, USA	Keynote Lecture <i>Contiguity in high dimensions</i> Richard Lockhart, Simon Fraser University, Canada
13:00 – 14:00	Lecture on Computer Sciences and Data Sciences <i>Enterprise architecture and data science: A two way street</i> Adolfo Javier De Unánue Tiscareño ITAM, Mexico	Lecture on Mathematics and Data Sciences <i>Topological Data Analysis: An emerging tool for exploratory data analysis and its links to issues in Probability and Statistics</i> Fermín Reveles, CIMAT, Mexico	Special Closing Session Celebrating the International Prize of Statistics to David Cox David Cox, biographical sketch by Silvia Ruiz-Velasco, IIMAS, UNAM With a live message by David Cox about <i>Modern Data and the Future of Statistics</i>
14:00 - 15:30	LUNCH		
15:30 – 17:30	Young Statisticians Session Organizer: Leticia Ramírez-Ramírez, CIMAT, Mexico		Research Session Organizer: Luis Enrique Nieto-Barajas, ITAM, Mexico
	15:30–16:00	<i>Bayesian phylogenetic inference for big data</i> Claudia Solis Lemus, University of Wisconsin-Madison, USA	<i>Label Switching in Bayesian Mixture Models: deterministic relabeling strategies</i> Carlos E. Rodríguez Hernández Vela, Foro Consultivo Científico y Tecnológico, Mexico
	16:00–16:30	<i>Finding structure in grouped data by kernel smoothing</i> Miguel Ángel Reyes Cortés, CIMAT, México	<i>Automated Bayesian charting</i> Juan C. Martínez-Ovando, ITAM, Mexico
	16:30–17:00	<i>Mixture models with decreasing weights and their applications</i> Asael Fabián Martínez Martínez, CIMAT, Mexico	<i>Addressing voice recording replications for Parkinson’s disease detection</i> Lizbeth Naranjo Albarrán, UNAM, Mexico
17:00–17:30	<i>Nonparametric bootstrap inference for network degree distribution</i> Vyacheslav Lyubchich, University of Maryland Center for Environmental Science, USA	<i>Robust and efficient modeling of extremes with the generalized Pareto distribution</i> Sergio F. Juárez Cerrillo, Universidad Veracruzana, Mexico	
17:30 -18:00	BREAK		
18:00 – 20:00	Poster Session and Welcome Cocktail		Applications Session Organizer: Belem Trejo-Valdivia, INSP, Mexico
			18:00 – 18:30 <i>Partial Least Squares and Metabolomics</i> Hortensia Moreno Macias, UAM, Iztapalapa, Mexico
			18:30 – 19:00 <i>A subpopulation of interest when comparing oral glucose tolerance and glycosylated hemoglobin tests to identify Type 2 Diabetes</i> Ruth Fuentes García, UNAM, Mexico
			19:00 – 19:30 <i>Maternal deaths in Mexico, 2010-2014: seeking to understand individual and systemic factors through health information systems</i> Héctor Lamadrid Figueroa & Airain Alejandra Montoya Rodríguez INSP, Mexico
19:30 – 20:00	<i>A new approximation to the distribution of Household income in Mexico</i> Alfredo Bustos y de la Tijera, INEGI, Mexico		
20:30	Symposium Dinner (Taquiza)		