

Speakers in **three Sessions on Graphical Markov Models** at the JSM 2016 in Chicago on Monday 1 August, in the McCormick Place Convention Center, West Building (CC_W)

Graphical Markov Models: Extending, Combining, and Evaluating Concepts

8:30 AM - 10:20 AM, in CC-W180; Floor discussion starts at 10:15
Organizer and Chair: Giovanni Maria Marchetti, University of Florence

What Can Be Learned from the Graphical Lasso? Generalizations of the Gaussian Assumption
— Po-Ling Loh, University of Pennsylvania, Philadelphia

A Complete Characterization of Graphical Probability Distributions
— Kayvan Sadeghi, University of Cambridge

Totally Positive Exponential Families, Graphical Models, and Convex Optimization
— Piotr Zwiernik, Pompeu Fabra University, Barcelona

High-Dimensional Inference for Graphical Models: Theory and Applications
— Bala Rajaratnam, Stanford University

Tracing Pathways of Dependence: How Far Did We Get?

10:30 AM - 12:20 PM, in CC-W375b, Floor discussion starts at 12:15
Organizer: Jan Hannig, University of North Carolina at Chapel Hill
Chair: Peter McCullagh, University of Chicago

— Nanny Wermuth, Gutenberg-University, Mainz

Recent Enhancements of Graphical Markov Models

Mon, 1 Aug, 2:00 PM - 3:30 PM, in CC-W179b Floor Discussion starts at 3:25
Organizer and Chair : Nanny Wermuth, Gutenberg-University, Mainz

On Log-Mean Linear Regression Graph Models
— Monia Lupporelli, University of Bologna

Graphs of Confounding
— Robin Evans, Oxford University

Brownian Motion Tree Models: Theory and Applications
— Caroline Uhler, MIT, Cambridge

Causal Inference from Big Data: Theoretical Foundations and the Data-Fusion Problem
— Elias Bareinboim, Purdue University, West Lafayette