

TIME	Monday 25 April
8:45-9:00	Registration and Welcome
9:00-10:00	Some musings on Bayesian nonparametrics - PART A Tutorial by David Dunson
10:00-11:00	Bayesian Nonparametric Statistics for Fostering Innovation and Discovery in Biomedical Research - PART A Tutorial by Yanxun Xu
11:00-11:30	Break
11:30-12:50	Contributions to Bayesian modeling and its applications to life sciences
11:30-11:50	A Bayesian approach to multiview learning Lasse Vuursteen , Botond Szabo, Timo van der Poel, Wouter van Loon, Mark de Rooij, Marjolein Fokkema
11:50-12:10	An efficient coalescent model for heterochronously sampled molecular data Lorenzo Cappello , Amandine Véber, Julia A. Palacios
12:10-12:30	Return of the BART: Novel nonparametric prior for Bayesian causal inference Andrej Srakar
12:30-12:50	Bayesian sensitivity analysis for a missing data model Bart Eggen , Stéphanie van der Pas, Aad van der Vaart
12:50-14:00	Lunch
14:00-15:30	Invited session 1 - Asymptotics
14:00-14:30	Bayesian nonparametric estimation of a density living near an unknown manifold Judith Rousseau , Paul Rosa, Clement Berenfeld
14:30-15:00	Statistical and computational guarantees for Bayesian inverse problems Sven Wang
15:00-15:30	Bayesian multiple testing with spike and slab priors Ismael Castillo
15:30-16:00	Break
16:00-17:30	Invited session 2
16:00-16:30	Why don't Bayesians bootstrap? Chris Holmes
16:30-17:00	Inferring taxonomic placement from DNA barcoding allowing discovery of new taxa Tommaso Rigon , Alessandro Zito, David Dunson
17:00-17:30	Adaptive Subspace Shrinkage with Mixture Functional Horseshoe Priors Matteo Iacopini , Luca Rossini, Florian Huber

Monday 25 April

TIME	Tuesday 26 April
9:00-10:00	Bayesian uncertainty quantification: a review - PART A Tutorial by Aad van der Vaart
10:00-11:00	Mentoring - moderated by Amy Herring
11:00-11:30	Break
11:30-12:50	Contributions to nonparametric asymptotics
11:30-11:50	Adaptive Bayesian methods for the non-linear inverse problem in the Schrödinger Equation Geerten Koers, Botond Szabó, Aad Van Der Vaart
11:50-12:10	Adaptive rates of contraction for spatially inhomogeneous unknowns Sergios Agapiou, Aimilia Savva
12:10-12:30	Smoothing and adaptation of shifted Pólya Tree ensembles Thibault Randrianarisoa
12:30-12:50	Bayesian nonparametric estimation of nonlinear Hawkes processes Deborah Sulem, Vincent Rivoirard, Judith Rousseau
12:50-14:00	Lunch
14:00-15:30	Invited session 3 - MCMC in Bayesian nonparametrics and scalable methods
14:00-14:30	Robust leave-one-out cross-validation for high-dimensional Bayesian models Giacomo Zanella, L.Silva
14:30-15:00	Non-stationary Gaussian process discriminant analysis with variable selection for high-dimensional functional data Sara Wade
15:00-15:30	Piecewise Deterministic Monte Carlo in Infinite Dimensions Joris Bierkens, Paul Dobson
15:30-16:00	Break
16:00-17:30	Invited session 4 - Dependence in Bayesian nonparametric priors, spatial models
16:00-16:30	NRMI Factor Models: scaling BNP models for partially exchangeable data to a large number of populations Mario Beraha, Jim Griffin, Alessandra Guglielmi
16:30-17:00	Cox-Hawkes: doubly stochastic spatiotemporal poisson processes Xenia Miscouridou
17:00-18:00	A Wasserstein index of dependence for Bayesian nonparametric modeling Marta Catalano, Hugo Lavenant, Antonio Lijoi, Igor Prünster
18:00-19:30	Poster Session & Drinks
	Bayesian Model fitting for studying galaxy evolution Charalambia Varnava, Andreas Efstathiou, Vicky Papadopoulou-Lesta
	Order-Invariant Bayesian VARs using Eigendecomposition Ping Wu
	Approximating the clusters' prior distribution in Bayesian nonparametric models Daria Bystrova, Julyan Arbel, Guillaume Kon Kam King, François Deslandes
	Taxonomic Gibbs-type priors Ching-Lung Hsu, David Dunson, Tommaso Rigon
	Bayesian modeling and clustering for spatio-temporal areal data Alexander Mozdzen, Gregor Kastner, Andrea Cremaschi, Annalisa Cadonna, Alessandra Guglielmi

TIME

Wednesday 26 April

9:00-10:00

Bayesian Nonparametric Statistics for Fostering Innovation and Discovery in Biomedical Research - PART B
Tutorial by Yanxun Xu

10:00-11:00

Some musings on Bayesian nonparametrics - PART B
Tutorial by David Dunson

11:00-11:30

Break

11:30--12:50

Contributions to Bayesian semiparametrics

11:30-11:50

The multirank likelihood and cyclically monotone Monte Carlo: a semiparametric approach to CCA
Jordan Bryan

11:50-12:10

Bayesian estimation and use of cut posterior in semiparametric Hidden Markov models
Daniel Moss, Judith Rousseau

12:10-12:30

Bernstein-von Mises for semiparametric mixture
Minh-Lien Jeanne Nguyen, Stefan Franssen, Aad van der Vaart

12:30-12:50

Self-assessed particle filters with adaptive number of particles
Victor Elvira

12:50-14:00

Lunch

Wednesday 27 April

TIME	Thursday 28 April
9:00-10:00	Bayesian uncertainty quantification: a review - PART B Tutorial by Aad van der Vaart
10:00-11:00	Some musings on Bayesian nonparametrics - PART C Tutorial by David Dunson
11:00-11:30	Break
11:30--12:50	Contributions to Bayesian clustering
11:30-11:50	Mixture of Factor Analysers and Adaptive Telescoping Sampler for Automatic Inference on Number of Clusters and Factors Margarita Grushanina, Sylvia Frühwirth-Schnatter
11:50-12:10	A Bayesian Nonparametric Model for Partitions with Ordered Clusters Cecilia Balocchi, Federico Camerlenghi, Stefano Favaro
12:10-12:30	Consensus clustering for Bayesian mixture models Stephen Coleman
12:30-12:50	Posterior consistency and uncertainty quantification for species sampling processes Stefan Franssen
12:50-14:00	Break
14:00-15:30	Invited session 5 - Deep Bayesian nonparametrics
14:00-14:30	Convergence of Gaussian process regression with hyperparameters Aretha Teckentrup
14:30-15:00	Posterior contraction for deep Gaussian process priors Johannes Schmidt-Hieber, Gianluca Finocchio
15:00-15:30	Bayesian Neural Networks at Finite and Infinite Widths Mariia Vladimirova
15:30-16:00	Break
16:00-17:30	Contributions to Bayesian modeling, computations and variational methods
16:00-16:30	Bayesian Calibration of imperfect computer models using Physics-informed priors Michail Spitiaris
16:30-17:00	Unified Skew-Normal Conjugacy in Probit, Tobit, Multinomial Probit and Extensions: A Review and New Results Niccolo' Anceschi, Augusto Fasano, Daniele Durante, Giacomo Zanella
17:00-18:00	Contraction rates and uncertainty quantification for variational Bayes Dennis Nieman, Botond Szabo, Harry van Zanten

Thursday 28 April

TIME

Friday 29 April

Bayesian Nonparametric Statistics for Fostering Innovation and Discovery in
Biomedical Research - PART C
Tutorial by Yanxun Xu

9:00-10:00

Bayesian uncertainty quantification: a review - PART C
Tutorial by Aad van der Vaart

10:00-11:00

Break

11:00-11:30

Contributions to (random) partitions

Nonparametric priors with full-range borrowing of information
Filippo Ascolani

11:30--12:50

11:30-11:50

Bayesian nonparametric disclosure risk assessment
Francesca Panero, Stefano Favaro, Tommaso Rigon

11:50-12:10

Partially-exchangeable multilayer stochastic block models
Francesco Gaffi, Daniele Durante, Antonio Lijoi, Igor Prünster

12:10-12:30

Bayesian nonparametric scalar-on-image regression via Potts-Gibbs random partition models
Mica Teo, Sara Wade

12:30-12:50

Lunch

12:50-14:00

Friday 29 April