Program for SSIAB10

Wednesday, 21/5:

8:30-9:00  Registration (Fredrik Bajers Vej 7G, 9220 Aalborg)
9:00-10:15  Presentations (3) (all presentations are in room G5-109)
  Guan, Yongtao: A new estimation approach for combining epidemiological data from multiple sources
  Ghorbani, Mohammad: On mean and Variance for an estimator of the spatio-temporal product density function
  Waagepetersen, Rasmus: Multivariate Cox processes
10:15-10:45  Coffee break (coffee breaks are just outside the lecture room)
10:45-12:00  Presentations (3)
  Redenbach, Claudia: Spatial statistics for the analysis of polar ice cores
  Drouilhet, Rémy: Playing with EBSpatCGAL a R package dedicated to simulation and estimation in the framework of Gibbs nearest-neighbour point processes
  Bonneu, Florent: Modelling spatio-temporal multi-structured patterns of forest fires
12:00-13:30  Lunch at Novi (Niels Jernes Vej 10, 9220 Aalborg)
13:30-14:45  Presentations (3)
  Delmas, Céline: VCEM algorithm for the log-Gaussian Cox process
  Peyrard, Nathalie: VBEM algorithm for the Log Gaussian Cox Process
  Dvorák, Jiri: Inhomogeneous space-time shot-noise Cox point processes – asymptotics for estimators based on projection processes
14:45-15:15  Coffee break
15:15-16:30  Presentations (3)
  Coeurjolly, Jean-Francois: Stein estimation of the intensity of a stationary spatial Poisson point process
  Gabriel, Edith: Defining a variographic approach from the characteristics of a point process to estimate and predict the local intensity of partially observed data
  Legland, David: Spatial normalisation of replicated point patterns for the estimation of average intensity map
18:30  Dinner at Prinses Juliane (Vestre Havnegrenade 2, 9000 Aalborg)

Thursday, 22/5:

9:00-10:15  Presentations (3)
  Benes, Viktor: U-statistics in stochastic geometry and their characteristics
  Mrkvicka, Tomás: Global envelope tests, part I: the test principles
Hahn, Ute: Global envelope tests, part II: extensions

10:15-10:45  *Coffee break*

10:45-12:00  Presentations (3)

Ylitalo, Anna-Kaisa: Exposing the spatio-temporal nature of eye movement data
Särkkä, Aila: Stochastic modeling of eye movements
Kärkkäinen, Salme: On the use of percent model affinity index in biomonitoring

12:00-13:30  *Lunch at Novi*

13:30-14:45  Presentations (3)

Helisová, Katerina: Quermass-interaction process with non-circular grains
van Lieshout, Marie-Colette: A Spectral Mean for Point Sampled Closed Curves
Kiêu, Kiên: Towards pseudo-likelihood inference for Gibbsian T-tessellations

14:45-15:15  *Coffee break*

15:15-16:30  Presentations (3)

Trubuil, Alain: Some specific problems of dynamics recovery in cell biology
Lavancier, Frédéric: A general procedure to combine estimators
Clemmensen, Line H.: Prediction of L*a*b* values for meat

18:30  *Tour and dinner at Lindholm Høje Museum (Vendilavej 11, 9400 Nørresundby)*

**Friday, 23/5:**

9:00-10:40  Presentations (4)

Genton, Marc G.: Cross-Covariance Functions for Multivariate Geostatistics
Guillot, Gilles: Covariance models for the analysis of genetic variation
Senoussi, Rachid: Characterization and new models of anisotropy for spatial data
Soubeyrand, Samuel: Handling dependencies in spatial, temporal and genetic variables to reconstruct routes of transmissions of pathogens

10:40-11:00  *Coffee break*

11:00-12:40  Presentations (4)

Andersen, Ina Trolle: Matérn thinned Cox point processes
Safavimanesh, Farzaneh: Poisson Line Cluster Point Processes
Rasmussen, Jakob G.: Spatial cluster point processes related to Poisson-Voronoi tessellations
Hooghoudt, Jan-Otto: Inferring the spatial distribution of intracellular proteins: A Bayesian approach using Fluorescence Resonance Energy Transfer-data

12:40  *Lunch at Novi*