

TILASTOPÄIVÄT 2013

Statistical Days 2013

Topic: Statistics for environment, ecology and forestry
Dates: May 30–31, 2013
Venue: University of Jyväskylä
Organizers: Finnish Statistical Society and University of Jyväskylä
 (Department of Mathematics and Statistics)

DAY 1 – Thursday, May 30, 2013

11:00-11:55 Registration

12:00-12:15 Opening

Kimmo Vehkalahti, President of the Finnish Statistical Society

Keynote Session

Chair: *Antti Penttinen*, University of Jyväskylä

12:15-13:00 Wildfires in South Africa; Cherry trees in Japan

Professor Alan E. Gelfand, Duke University

13:00-13:15 Break

13:15-14:00 Point pattern modeling for degraded presence-only data over large regions

Professor Alan E. Gelfand, Duke University

14:00-14:30 Coffee break

Invited Session I

Chair: *Juha Karvanen*, University of Jyväskylä

14:30-15:15 Assessing uncertainties in national greenhouse gas inventory

Professor Juha Heikkinen, Metla

15:15 -15:25 Break

Invited Session II

Chair: *Jyrki Möttönen*, Vice President of the Finnish Statistical Society

15:25-16:10 Applications of Bayesian statistics in ecology and evolutionary biology

Professor Otso Ovaskainen, University of Helsinki

16:10-16:20 Break

Contributed Session I

Chair: *Jyrki Möttönen*, Vice President of the Finnish Statistical Society

16:20-16:40 Bayesian scale space analysis of temporal changes in satellite images

Leena Pasanen, University of Oulu

16:40-17:00 Testing spatial hypotheses for marked spatial point patterns

Mari Myllymäki, Aalto University

Sponsor's address and Conference dinner

17:00-17:30 Forecasting with SAS Forecast Server

Nina Survo, SAS Institute

19:00-22:00 Conference dinner: Restaurant Piato, Agora

DAY 2 – Friday, May 31, 2013**Contributed Session II**

Chair: *Leena Kalliovirta*, Treasurer of the Finnish Statistical Society

09:00-09:20 Towards more cost-effective identification of freshwater macroinvertebrates

Johanna Ärje, University of Jyväskylä

09:20-09:40 Estimating aggregated nutrient fluxes in four Finnish rivers
via Gaussian state space models

Jouni Helske, University of Jyväskylä

09:40-09:45 Break

Invited Session III

Chair: *Jukka Nyblom*, University of Jyväskylä

09:45-10:30 Applications of mixed effects models in forestry

Dr Lauri Mehtätalo, University of Eastern Finland

Poster Session

10:30-11:10 Poster presentations with coffee

Final Session

11:15-11:30 Leo Törnqvist Prize: The Best Master's Thesis in Statistics (2011–2012)

11:30-11:45 Dissertation Prize: The Best Doctoral Thesis in Statistics (2009–2012)

11:45-12:00 Final Discussion and Closing