### Oral Programme

**Tuesday, 04 July 2017**

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<tr>
<th>Time</th>
<th>Session A1 Space-time</th>
<th>Session B1 Health</th>
<th>Session C1 Predictive modelling</th>
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<tr>
<td>09:00-17:30</td>
<td>Registration</td>
<td>Registration</td>
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<tr>
<td>09:30-11:00</td>
<td>Workshop 1</td>
<td>Workshop 2</td>
<td>Workshop 2</td>
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<tr>
<td></td>
<td>Organizers: D. Allard, BioSP, INRA; L. Bel, AgroParisTech; E. Gabriel, Université d’Aville; T. Opitz, BioSP, INRA; E. Parent, AgroParisTech</td>
<td>Organiser: B. Graeler’s, 52°North Initiative for Geospatial Open Source Software GmbH, Germany</td>
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<tr>
<td>11:00-11:30</td>
<td>Refreshments</td>
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<tr>
<td>11:30-13:00</td>
<td>Workshop 1 (continued)</td>
<td>Workshop 2 (continued)</td>
<td>Workshop 2 (continued)</td>
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<tr>
<td>13:00-14:00</td>
<td>Lunch</td>
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<tr>
<td>14:00-15:30</td>
<td>Workshop 1 (continued)</td>
<td>Workshop 2 (continued)</td>
<td>Workshop 2 (continued)</td>
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<tr>
<td>15:30-16:00</td>
<td>Refreshments</td>
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<tr>
<td>16:00-17:30</td>
<td>Workshop 1 (continued)</td>
<td>Workshop 2 (continued)</td>
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<td>17:30</td>
<td>End of Day 1</td>
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**Wednesday, 05 July 2017**

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<thead>
<tr>
<th>Time</th>
<th>Session A1 Space-time</th>
<th>Session B1 Health</th>
<th>Session C1 Predictive modelling</th>
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<tr>
<td>07:30-17:45</td>
<td>Registration</td>
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<tr>
<td>08:15-08:30</td>
<td>Opening remarks by conference chairs</td>
<td>Opening remarks by conference chairs</td>
<td>Opening remarks by conference chairs</td>
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<tr>
<td>08:30-09:10</td>
<td>[PLN01] One Health: Spatial Statistics at the border of human and veterinary health</td>
<td>[PLN01] One Health: Spatial Statistics at the border of human and veterinary health</td>
<td>[PLN01] One Health: Spatial Statistics at the border of human and veterinary health</td>
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<tr>
<td></td>
<td>A. Lawson, Medical University of South Carol, USA</td>
<td>A. Lawson, Medical University of South Carol, USA</td>
<td>A. Lawson, Medical University of South Carol, USA</td>
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<td>Session chair: Alfred Stein</td>
<td>Session chair: Alfred Stein</td>
<td>Session chair: Alfred Stein</td>
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<tr>
<td>09:15-10:15</td>
<td>Session A1 Space-time</td>
<td>Session B1 Health</td>
<td>Session C1 Predictive modelling</td>
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<td></td>
<td>Room: Faraday Auditorium</td>
<td>Room: Cavendish Auditorium</td>
<td>Room: Frankland Auditorium</td>
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<tr>
<td>Session chair</td>
<td>Sandra di Iaco</td>
<td>Andrew Lawson</td>
<td>Matthias Eckardt</td>
</tr>
<tr>
<td>09:15-10:30</td>
<td>[OA01] Bayesian Model-Based Space-Time Joint Interpolation of Temperature and Rainfall Fields for Ecoregion Climatic Characterization in Italy</td>
<td>[OA01] Disease mapping and visualization using data from spatio-temporally referenced prevalence surveys</td>
<td>[OC01] Alternative optimization approached for Space filling designs applied to the hydrosenses database of boreholes in the Eastern Cape Karoo</td>
</tr>
<tr>
<td></td>
<td>G. Mastrantonio, G. Jona Lasinio, A. Pollice, C. Blasi, G. Caportori, L. Teodonia, G. Genova, Politecnica of Turin, Italy, Sapienza University of Rome, Italy, Ministero dei Beni e delle Attività Culturali e del Turismo, Italy</td>
<td>E. Giorgi, P. Diggle, R. Snow, A. Noor, Lancaster University, UK, Kenya Medical Research Institute - Wellcome Trust Research Programme, Kenya</td>
<td>C. Thiart, L. Haines, D. Stroebele, Maarten de Wit, University of Cape Town and AEON-ESSRI, South Africa, University of Cape Town, South Africa, AEON-ESSRI, Nelson Mandela Metropolitan University, South Africa</td>
</tr>
<tr>
<td>09:30-09:45</td>
<td>[OA02] Spatial dynamic bayesian network to model deforestation in the Brazilian Legal Amazon</td>
<td>[OB01] Semiparametric Single Index Multi Change Points Model with an Application of Environmental Health Study on Mortality and Temperature</td>
<td>[OC02] The importance of spatial cross-validation in large-scale disease suitability models: An application to avian influenza</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Title</td>
<td>Authors</td>
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<td>09:45-10:00</td>
<td>[OA03]</td>
<td>Spatio-temporal analysis of forest fire alerts with temporal sets of INLA-SPDE</td>
<td>P. Juan Verdoy, J. Mateu, C. Diaz-Avalos, University Jaume I, Spain, UNAM, Mexico</td>
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<td>[OB03] Directed Acyclic Graph Autoregressive Models for Spatial Disease Mapping</td>
<td>A. Datta, Johns Hopkins University, USA</td>
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<td>[OC03]</td>
<td>A sparse linear algebra algorithm for fast computation of spatial prediction variances</td>
<td>A. Zammit Mangion, J. Rougier, University of Wollongong, Australia, University of Bristol, UK</td>
</tr>
<tr>
<td>10:00-10:15</td>
<td>[OA04]</td>
<td>Statistical analysis in spatial-temporal scale of animal’s trajectories: A bayesian approach</td>
<td>S. Lombardi, S. Focardi, G. Maria Marchetti, CNR-ISC, Italy, University of Florence, Italy</td>
</tr>
<tr>
<td></td>
<td>[OB04]</td>
<td>Bayesian inference for spatial transmission of visceral leishmaniasis</td>
<td>L. Chapman, R. Chowdhury, C. Bern, G. Medley, T. Deirdre Hollingsworth, University of Warwick, UK, KalacORE Programme, Bangladesh, UCSF School of Medicine, USA, London School of Hygiene and Tropical Medicine, UK</td>
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<td></td>
<td>[OC04]</td>
<td>Statistical inference in the RIO model – the detrending step revisited</td>
<td>A. Schmid, H. Haupt, S. Behm, University of Passau, Germany</td>
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<tr>
<td>10:15-10:45</td>
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<td>Refreshments</td>
<td>Room: Great Hall</td>
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<tr>
<td>10:45-11:45</td>
<td>Session A2</td>
<td>Space-time analysis</td>
<td>Marius Gilbert, Samir Bhatt, Nick Hamm</td>
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<td></td>
<td>Session B2</td>
<td>Health</td>
<td>Faraday Auditorium, Cavendish Auditorium</td>
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<td>Session C2</td>
<td>Predictive modelling</td>
<td>Frankland Auditorium</td>
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<tr>
<td>11:00-11:15</td>
<td>[OA05]</td>
<td>Geostatistical models and new computational aspects for space-time predictions*</td>
<td>C. Cappello, S. De Iaco, D. Posa, M. Palma, University of Salento, Italy, Federal University of Sao Carlos, Brazil</td>
</tr>
<tr>
<td></td>
<td>[OB05]</td>
<td>Investigating the association between indoor radon concentrations and some potential influencing factors through a profile regression approach</td>
<td>L. Fontanella, L. Ippoliti, E. Nissi, S. Palermi, A. Sarra, University of Chieti-Pescara, Italy</td>
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<tr>
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<td>[OC05]</td>
<td>Bayesian spatial monotonic multiple regression</td>
<td>C. Rohrbeck, D. Costain, A. Frigessi, Lancaster University, UK</td>
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<tr>
<td>11:15-11:30</td>
<td>[OA06]</td>
<td>Bayesian spatio-temporal modeling of anchovy abundance through the SPDE Approach</td>
<td>M. Prates, Z. Cornejo, Universidade Federal de Minas Gerais, Brazil</td>
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<tr>
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<td>[OB06]</td>
<td>A study on the effects of lifetime exposure to PM2.5 in a Memphis pediatric asthma cohort using spatiotemporal models</td>
<td>T. Oyama, P. Podila, G. Relyea, University of Tennessee Health Science Center, USA, Methodist Le Bonheur Healthcare System, USA, University of Memphis, USA</td>
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<td>[OC06]</td>
<td>Spatial Estimation: Dependence, Copulas, and Secondary Information – Using Groundwater Quality Parameters in Baden-Württemberg</td>
<td>C. Haslauer, S. Gnann, T. Heißerer, A. Bárdossy, University of Tübingen, University of Stuttgart, Germany</td>
</tr>
<tr>
<td>11:30-11:45</td>
<td>[OA07]</td>
<td>Hierarchical modeling of epidermal nerve fiber patterns</td>
<td>C. Andersson, T. Rajala, A. Saerkkiae, Chalmers University of Technology and University of Gothenburg, Sweden, University College London, UK</td>
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<tr>
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<td>[OB07]</td>
<td>A Multivariate Dynamic Spatial Factor Model for Speciated Pollutants and Adverse Birth Outcomes</td>
<td>K. Kaufeld, Los Alamos National Laboratory, USA</td>
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<tr>
<td></td>
<td>[OC07]</td>
<td>Regional risk adjustment – A new approach to deal with MAUP and heavy-tail distributed claims data</td>
<td>D. Wende, I. Weinhold, WIG2 GmbH, Germany</td>
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<tr>
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<td>[OA08]</td>
<td>Bayesian Inference for High Dimensional Dynamic Spatio-Temporal Models</td>
<td>S. Maria Karadimitriou, K.</td>
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<td>[OB08]</td>
<td>Incorporating spatial genetic ancestry information from control repositories to enhance genetic studies</td>
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<td>[OC08]</td>
<td>Predicting small scale presence of a vegetation type using distribution modelling</td>
<td>L. Aune-Lundberg,</td>
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<tr>
<td>Time</td>
<td>Session A3: Space-time</td>
<td>Session B3: GeoHealth</td>
<td>Session C3: Stochastic Geometry</td>
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<tr>
<td>14:30-15:30</td>
<td>Session chair: Eustasius Musenge</td>
<td>Session chair: Michael Chipeta</td>
<td>Session chair: Thordis Thorarinssottir</td>
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<tr>
<td>14:30-15:45</td>
<td>[OA09] Exploratory analysis of measured and simulated fine-resolution spatio-temporal datasets generated from the North Wyke Farm Platform S. Curceanu, A. Milne, L. Wu, P. Harris, Rothamsted Research, UK, Lancaster University, UK</td>
<td>[OB09] From Asia to the rest of the world: 10 years of highly pathogenic avian influenza H5Nx spatial models M. Gilbert, Université Libre de Bruxelles, Belgium</td>
<td>[OC09] Feature-based tessellation model for an agricultural landscape K. Adamczyk-Chauvat, K. Kiêu, French National Institute for Agricultural Research (INRA), France</td>
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11:45-12:45 Lunch | Room: Great Hall Bar and Great Hall
12:45-13:45 Poster Session 1 | Room: Great Hall
14:30-15:30 Session B3 GeoHealth: Room: Cavendish Auditorium
14:30-15:45 [OA09] Exploratory analysis of measured and simulated fine-resolution spatio-temporal datasets generated from the North Wyke Farm Platform S. Curceanu, A. Milne, L. Wu, P. Harris, Rothamsted Research, UK, Lancaster University, UK |
14:45-15:00 [OA10] Multiple-point simulation of sub-pixel topography on low-resolution digital elevation model guided by high-resolution satellite imagery L. Gustavo Rasera, G. Mariethoz, S.N. Lane, Institute of Earth Surface Dynamics (IDYST), University of Lausanne, Switzerland |
15:00-15:15 [OA11] ARH(1) functional prediction from temporally correlated, spatially supported functional data J. Álvarez-Liébana, M. Dolores R. Medina, University of Granada, Spain |
15:15-15:30 [OA12] Developing environmental data processing methods to spatialize exposure indicators for three polycyclic aromatic hydrocarbon substances D. Ioannidou, L. Malherbe, N. Saby, M. Beauchamp, A. Latouche, J. Caudeville, INERIS, France, Conservatoire national des arts et métiers, France, INRA, France |
15:30-16:00 Refreshments | Room: Great Hall
| 16:00-17:00 | Session A4 Space-time  
Room: Faraday Auditorium | Session B4 GeoHealth  
Room: Cavendish Auditorium | Session C4 Econometrics  
Room: Frankland Auditorium |
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<tr>
<td>Session chair</td>
<td>Christien Thiart</td>
<td>Luigi Sedda</td>
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| 16:00-16:15 | [OA13] The accumulated persistence function, a new functional summary statistic for topological data analysis, with a view to brain artery trees and spatial point process applications  
C.A.N Biscio¹, J. Møller², ³Aalborg University, Denmark | [OB13] How different landscape features impact the transmission dynamics of a wild plant pathogen  
E. Numminen, A-L. Laine, University of Helsinki, Finland | [OC13] Spatial modeling of data with positional errors  
E. Tauber, D. Giuliani, M. Michela Dickson, G. Espa, University of Trento, Italy |
| 16:15-16:30 | [OA14] Hierarchical copula regression models for areal data  
D. Musgrove¹, J. Hughes², L. Eberly³, ¹Medtronic, USA, ¹University of Colorado, USA, ³University of Minnesota, USA | [OB14] Introducing Biospytial: An Open Source graph-based computing framework for managing and modeling spatial ecological data  
J. Escamilla Molgora, P. Atkinson, L. Sedda, Lancaster University, UK | [OC14] Road crash density estimation for risk mapping  
M. Pereira¹,², N. Desassisi³, ²Estimations, France, ³MINES ParisTech, PSL Research University, France |
| 16:30-16:45 | [OA15] Detecting and modeling multi-scale space-time structures of wildfire occurrences  
E. Gabriel¹, T. Opitz², F. Bonneu³, ¹Avignon University, France, ²INRA, France | [OB15] Tree spatial patterns of Fagus sylvatica expansion over 37 years  
D. Janik, K. Král, D. Adam, L. Hort, Silva Tarouca Research Institute, Czech Republic, Smithsonian Environmental Research Center, USA | [OC15] Compositional multivariate conditionally autoregressive (CMCAR) model with spatial cross-correlation for discrete space  
T. Yoshida, M. Tsutsumi, University of Tsukuba, Japan |
| 16:45-17:00 | [OA16] Spatio-temporal analysis based on multifractal complexity measures application to seismic data  
G. Onicescu¹, A. Lawson², ¹Western Michigan University, USA, ²Medical University of South Carolina, USA |
| 17:05-17:45 | [PLN03] Bayesian modelling of cluster point process models  
T. Thorarinsdottir, Norwegian Computing Centre, Norway  
Session chair: A. Stein | Room: Faraday Auditorium | |}

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**Thursday, 06 July 2017**

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<tr>
<th>08:00-17:45</th>
<th>Registration</th>
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| 08:30-09:10 | [PLN04] Large and non-stationary spatial fields: Quantifying uncertainty in the pattern scaling of climate models  
D. Nychka, NCAR UCAR, USA  
Session chair: Alfred Stein | Room: Faraday Auditorium | |
| 09:15-10:15 | Session A5 Space-time  
Room: Faraday Auditorium | Session B5 Global Change  
Room: Cavendish Auditorium | Session C5 Ecological Statistics  
Room: Frankland Auditorium |
| Session chair | Victor Benes | Doug Nychka | Daniel Griffith |
| 09:15-09:30 | [OA17] A point process model for DPT pulses  
I. Fabris-Rotelli¹, A. Stein², ¹University of Pretoria, South Africa, ²ITC, University of Twente, The Netherlands | [OB17] Improving Ice Sheet Model Calibration Using Paleoclimate and Modern Data  
S. Fei, Purdue University, USA |
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<tr>
<th>Time</th>
<th>Session A6 Space-time</th>
<th>Session B6 Geostatistics</th>
<th>Session C6 Spatial Data Quality</th>
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</table>
| 09:30-09:45  | [OA18] Parametric covariance estimation in ensemble-based data-assimilation  
J. Skauvold, J. Eidsvik, NTNU, Norway  
[OB18] Spatiotemporal prediction of global vegetation using satellite data to understand the impact of climate change  
S. Decubber¹, C. Papagianniopoulos², W. Wageman², D. Miralles¹, N. Verhoest², ¹Ghent University, Belgium, ²Vrije Universiteit Amsterdam, The Netherlands  
[OC18] Modeling and estimation of planar segment processes with a biological application  
V. Benes³, J. Vecera³, B. Eltznér², M. Pultar³, C. Wollnik², ³Charles University, Czech Republic, ²Georg-August-University of Göttingen, Germany |
| 09:45-10:00  | [OA19] Point patterns in space and space-time: Linear models and change of support  
J. Mateu, University Jaume I of Castellon, Spain  
[OB19] Interpolation of daily mean air temperature data via spatial and non-spatial copulas  
F. Alidoost, A. Stein, ITC, University of Twente, The Netherlands  
[OC19] Wildfire analysis through new methodology on point processes with covariates  
M. Isabel Borrojo³, W. González-Manteiga³, M. Dolores Martínez Miranda³, ¹University of Santiago de Compostela, Spain, ²University of Granada, Spain |
| 10:00-10:15  | [OA20] Downscaling satellite soil moisture product using remotely sensed derived ancillary information  
Y. Jin¹, Y. Ge¹, J. Wang¹, G.B.M. Heuvelink², ¹Chinese Academy of Sciences, China, ²Wageningen University, Wageningen, The Netherlands  
[OB20] Bayesian integration of flux tower data into process-based simulator for quantifying uncertainty in simulated output  
R. Raj, N. A.S. Hamm, C. van der Toi, A. Stein, University of Twente, The Netherlands  
[OC20] Spatial prediction of soil organic carbon content over temperate croplands using multisources and multiscale measurements by hierarchical modelling  
L. Bel³, M. Zaouche³, E. Vaudour¹, J. Tressou², ²AgrOParisTech, France, ³INRA, France |
| 10:15-10:45  | Refreshments | Room: Great Hall |
| 10:45-11:15  | Session A6 Space-time  
Room: Faraday Auditorium  
Session B6 Geostatistics  
Room: Cavendish Auditorium  
Session C6 Spatial Data Quality  
Room: Frankland Auditorium |
| 10:45-11:00  | Session chair  
Dionissios Hristopoulos  
Pierre Goovaerts  
Eddy Herrera |
| 11:00-11:15  | [OA21] Spatio–temporal point patterns analysis of geolocated tweets to characterise urban dynamics  
F. Santa¹, R. Henriques¹, J. Torres², E. Pebesma³, ¹Universidade Nova de Lisboa, Portugal, ²University Jaume, Spain, ³University of Münster, Germany  
[OB21] A bayesian framework for estimating moment magnitude and its uncertainty from macroseismic intensity measures  
E. Kawabata¹, I. Main¹, M. Naylor¹, R. Chandler¹, ¹University of Edinburgh, UK, ²University College London, UK  
[OC21] Multivariate soil mapping using structural equation modelling  
M. Angelini¹,²,³ G.B.M. Heuvelink¹,²,³ Bas Kempen²,²,³, ³Soil Institute - National Institute of Agriculture Technology, Argentina, ²ISRIC World Soil Information, The Netherlands, ³Wageningen University & Research, The Netherlands |
| 11:15-11:30  | [OA22] Locally Adaptive Spatial Smoothing with Shrinkage Prior Markov Random Fields  
J. Faulkner, V. Minin, University of Washington, USA  
[OB22] Effective probability distributions for spatially dependent processes  
D. Hristopulos³, A. Baxevani², ¹Technical University of Crete, Greece, ²University of Cyprus, Cyprus  
[OC22] A mixture model extension of the log Gaussian Cox process  
A. Hildeman¹, D. Bolin¹, J. Wallin¹, J. Illian¹, ¹Chalmers University of Technology, Sweden, ²University of Gothenburg, Sweden, ³Lund University, Sweden, ²University of St Andrews, UK |
| 11:30-11:45  | [OA23] Paving the future for real time large scale spatial data analytics: Fast computation of the dense spatial matrix  
E. Musenge, G. Nimako, University of the Witwatersrand, South Africa  
[OB23] Bayesian Sequential Simulation with flexible parameterization of aggregation weights using multi-grid path  
R. Nussbaumer¹, G. Mariethoz¹, E. Gloaguen¹, K. Holliger¹, ¹University of Lausanne, Switzerland, ²Institut |
| 11:45-12:00  | [OC23] A spatial statistical framework for magnetic resonance fingerprinting  
S. Metzner, G. Wübbeler, C. Elster, Physikalische Technische Bundesanstalt, Germany |
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<tr>
<th>Time</th>
<th>Session A7 Space-time</th>
<th>Session B7 Geostatistics</th>
<th>Session C7 New Data Sources</th>
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<tr>
<td>11:45-12:45</td>
<td>Lunch</td>
<td>Room: Great Hall Bar and Great Hall</td>
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<td>12:45-13:45</td>
<td>Poster Session 2</td>
<td>Room: Great Hall</td>
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<tr>
<td>14:30-15:30</td>
<td>Session A7 Space-time Room: Faraday Auditorium</td>
<td>Session B7 Geostatistics Room: Cavendish Auditorium</td>
<td>Session C7 New Data Sources Room: Frankland Auditorium</td>
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<tr>
<td>Session chair</td>
<td>Rasmus Waagepetersen</td>
<td>Andrew Zammit Mangion</td>
<td>Benedikt Graeler</td>
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<tr>
<td>14:45-15:00</td>
<td>[OA26] Spatio-Temporal Modeling on Spheres Y. Li¹, Z. Zhu², ¹University of Minnesota Duluth, USA, ²Iowa State University, USA</td>
<td>[OB26] TBC</td>
<td>[OC26] Using pattern-statistics-based distances of geophysical images to reduce geological scenario uncertainty in hydrogeological modeling G. Pirot¹, E. Huber², J. Irving³, N. Linde³, ¹University of Lausanne, Switzerland, ²Stanford University, USA</td>
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<tr>
<td>15:00-15:15</td>
<td>[OA27] Inference for complex Cox process models, with different types of inhomogeneity and aggregation T. Mrkvicka¹, J. Dvorak², J. Møller³, S. Soubeyrand⁴, ¹University of South Bohemia, Czech Republic, ²Charles University, Czech Republic, ³Aalborg University, Denmark, ⁴INRA, France</td>
<td>[OB27] Identification of hotspots of rat abundance in a Brazilian slum community using indirect abundance metrics P. Miller¹, K. Hacker², A. Minter², M. Beagon³, P. Diggle⁴, J. Childs⁴, F. Costa¹, A. Ko³, M. Reis⁵, ¹Yale University, USA, ²University of Warwick, UK, ³University of Liverpool, UK, ⁴Lancaster University, UK, ⁵Universidade Federal da Bahia, Brazil</td>
<td>[OC27] Eye movements as a source of spatio-temporal data: A point process modelling approach A.K. Ylitalo, A. Penttinen, University of Jyväskylä, Finland</td>
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<tr>
<td>Time</td>
<td>Session A8 Space-time</td>
<td>Session B8 Geostatistics</td>
<td>Session C8 Image Analysis</td>
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<td>16:00-17:00</td>
<td>Room: Faraday Auditorium</td>
<td>Room: Cavendish Auditorium</td>
<td>Room: Frankland Auditorium</td>
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**Friday, 07 July 2017**

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<th>Time</th>
<th>Session</th>
<th>Room</th>
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<tr>
<td>17:05-17:45</td>
<td>[PLN06]</td>
<td>Estimating function inference for spatial point processes R. Waagepetersen, Aalborg University, Denmark</td>
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<td>18:30-22:00</td>
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<td>Conference Gala dinner</td>
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<td>22:00</td>
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<tr>
<th>Time</th>
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<tr>
<td>08:00-17:45</td>
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<td>Registration</td>
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<tr>
<td>08:30-09:10</td>
<td>[PLN07]</td>
<td>Modelling Spatial Extreme Events J. Tawn, Lancaster University, UK</td>
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<tr>
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<td>09:15-10:15</td>
<td>Session A9</td>
<td>Hazards</td>
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<td>09:15-09:30</td>
<td>[OA33]</td>
<td>Bayesian inversion based on Gaussian mixture prior models with applications in reservoir characterisation</td>
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<td>09:30-09:45</td>
<td>[OA34]</td>
<td>Modified linear projection for large spatial data sets</td>
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<td>09:45-10:00</td>
<td>[OA35]</td>
<td>Estimation of a geovariable model to derive the spatial covariance structure</td>
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<td>10:00-10:15</td>
<td>[OA36]</td>
<td>Intrinsic random functions on the sphere</td>
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<td>10:45-11:45</td>
<td>Session A10</td>
<td>GeoHealth</td>
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<td>[OA37]</td>
<td>Assessing the suitability of a North American companion animal poison control centre as a novel data source for surveillance (2005-2014)</td>
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<td>11:00-11:15</td>
<td>[OA38]</td>
<td>Multiscale statistical approach to understand Leopard (Panthera pardus) habitat suitability and connectivity in Kailash Sacred Landscape of Western Himalayas, India</td>
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<td>11:15-11:30</td>
<td>[OA39]</td>
<td>Spatial clustering of visceral leishmaniasis cases over the course of an epidemic in Fulbaria, Bangladesh 2002-10: Estimating how transmission risk decreases with distance</td>
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<td>[OA40]</td>
<td>Characterizing aflatoxin risk areas: Adjusting for collinearity and spatial correlation</td>
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<td>11:45-12:45</td>
<td>Lunch</td>
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<td>12:45-13:25</td>
<td>[PLN08]</td>
<td>Anisotropy analysis of spatial point patterns,</td>
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<td>13:00-15:00</td>
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<td>session of Peter Diggle</td>
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<td>13:30-13:40</td>
<td>[HT01]</td>
<td>Ecology, Peter Diggle and Marine Litter</td>
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<td>13:55-14:05</td>
<td>[HT03]</td>
<td>Covariate based covariance models</td>
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<td>14:05-14:20</td>
<td>[HT04]</td>
<td>Standing on the shoulders of giants</td>
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<td>14:20-14:30</td>
<td>[HT05]</td>
<td>Understanding longitudinal outcomes in people with cystic fibrosis - Peter Diggle and the stationary Gaussian process</td>
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