WEDNESDAY, JUNE 30TH

Plenary Session 1

10:00 - 11:00	Noel A. Cressie	
(45 min + 15 min)	*Dynamical Temporal Modeling of Spatial Fields*	

Chair: Wenceslao González-Manteiga

Invited-Contributed Session 1

11:30 - 12:20	Alan Gelfand
(40 min + 10 min)	*Process Modeling for Space-time Extremes*
12:20 - 12:55	**Padoan S.**
(25 min + 10 min)	*Multivariate Extremes and Related Processes*
12:55 - 13:30	**Madrid, A.E.**, Angulo, J.M. and Mateu, J.
(25 min + 10 min)	*Spatial threshold exceedances analysis through marked point processes*

Chair: Mike Kenward

Invited-Contributed Session 2

15:30 - 16:20	Havard Rue
(40 min + 10 min)	*Bridging the gap between Gaussian fields and Gaussian Markov random fields using stochastic partial differential equations*
16:20 - 16:55	**Illian, J.**, Rue, H. and Sorbye, S.H.
(25 min + 10 min)	*Complex point process modelling – Cox processes with temporally varying effects*
16:55 - 17:30	**Baxevani, A.**, Podgórski, K. and Rychlik, I.
(25 min + 10 min)	*Dynamically evolving Gaussian Spatial Fields*

Chair: Jorge Mateu

Invited Session

18:00 - 18:50	Emilio Porcu
(40 min + 10 min)	*On some dependence models for spatial vector valued random fields*
18:50 - 19:30	María Dolores Ruiz-Medina
(40 min + 10 min)	*Spatial autoregressive and moving average hilbertian processes: structural properties and functional inference*

Chair: Werner G. Müller

THURSDAY, JULY 1ST

Contributed Session

09:40 - 10:20	Genton, M. and Sun, Y.
(30 min + 10 min)	*Functional Boxplots for Complex Data Visualization*
10:20 - 11:00	Cecile Hardouin
(30 min + 10 min)	*Spatio-temporal modelling for mixed-state data*

Chair: M. Dolores Ruiz-Medina

Invited-Contributed Session 1

11:30 - 12:20	Werner G. Müller
(40 min + 10 min)	*Optimal design of a problem in spatial ecology*
12:20 - 12:55	**Brewer, M.**, Beale, C.M., Baker, N.E. and Lennon, J.J.
	Modelling Observer Effort in Spatio-Temporal Modelling of Tanzanian
(25 min + 10 min)	*Bird Data*
12:55 - 13:30	**Kelly, G.**
(25 min + 10 min)	*Spatial modeling of clustering of TB-infection in badgers and cattle in Ireland*

Chair: Marc Genton

Invited-Contributed Session 2

16:05 - 16:55	Nan-Jun Hsu
(40 min + 10 min)	*Semiparametric estimation of nonstationary spatial-temporal covariance functions*
16:55 - 17:30	**Nicolis, O.,** Mateu, J. and D'Ercole, R.
(25 min + 10 min)	*Testing for anisotropy in spatial point processes*

Chair: Lola Ugarte

Plenary Session 2

18:30 -19:30	Peter Diggle
(45 min + 15 min)	*Forecasting meningitis epidemics in Sub-saharan Africa*

Chair: Montserrat Fuentes

FRIDAY, JULY 2ND

Plenary Session 3

10:00 - 11:00   Abdel El-Shaarawi

(45 min + 15 min)   *How effective is water quality monitoring using microbial indicators? A Canadian case study on agricultural pollution*

Chair: Manuel Febrero-Bande

Invited-Contributed Session 1

11:30 - 12:20   Ana F. Militino

(40 min + 10 min)   *Testing for spatio-temporal interaction in disease mapping*

12:20 - 12:55   **Durbán, M.** and Lee, D.J.

                                 Reduced ANOVA smooth mixed models for modelling and testing space-
(25 min + 10 min)   *time interactions*

12:55 - 13:30   **Prieur, C.**, Antoniadis, A. and Viry, L.

(25 min + 10 min)   *Spatio-temporal prediction for West-African monsoon*

Chair: Marian Scott

Invited Session

15:30 - 16:20   Jean Opsomer

(40 min + 10 min)   *An application of Bayesian small area estimation for diurnal data*

16:20 - 17:30   Montse Fuentes

(40 min + 10 min)   *Spatial Bayesian quantile regression: application to study the impact of climate change on tropospheric ozone*

Chair: Abdel El-Shaarawi

POSTERS

THURSDAY, JULY 1ST 18:00 - 18:30

Title	Authors
Nonparametric estimation of the indicator variogram with applications	García-Soidán P. and Menezes R.
Semiparametric Approaches for Modelling Air Pollution Processes	Bodnar O. and Schmid W.
Reading the Message of the High Frequency Wind Data. A Short-Term Wind Speed Forecast with Periodic Components and Long Range Dependence	Beblo G. and Schmid W.
Spatio-temporal study of Scottish rivers using wavelet analysis	Franco-Villoria M. et al.
Characterizing spatial-temporal forest fire patterns	Juan P. et al.
Nonparametric local linear regression applied to the spatial structure of	Francisco-Fernández M. et al.
Spatial pattern classification for children with attention deficit	Lorenzo G. and Mateu J.
Analyzing Circular Time Series by Using Markov Models Based on Nonnegative Trigonometric Sums	Fernández-Durán J. J. and Gregorio-Domínguez M. M.
Spatial and Temporal Modelling of Hospital Admissions in the Northern	Rocha L. et al.
Spatio-temporal covariance modelling of CO concentrations in Madrid	Fernández-Avilés G. et al.
Testing for spatial stationarity in point patterns	Mateu J. et al.
A mixed functional model for high peaks of Olea europaea l. airborne pollen	Escabias M. et al.
Covariance estimation via Fourier series and application to groundwater quality indicators	García-Soidán P. et al.
Some Asymptotics for Geostatistical Model Selection	Zhang Z. et al.
Spatio-temporal modelling of daily air temperature in Catalonia	Saez M. et al.
A Bayesian analysis of time distance on commuting	Alonso M.P. et al.
Categorical structured additive regression for the assessment of habitat suitability in the spatial distribution of mussel seed abundance	Pazos-Pata M. et al.
Environmental radioactivity measurements in Aragón (Spain)	Calvete H. et al.

POSTERS

THURSDAY, JULY 1ST 18:00 - 18:30

Title	Authors
Wavelet methods for the functional statistical analysis of fMRI data	Fernández Pascual R. and Ruiz-Medina M.D.
Local wavelet-vaguelette-based functional logistic regression for classification of gene expression data	Rincón M. and Ruiz-Medina M.D.
Design-based and model-based inference in soil sciences: a way of reconciliation	Cicchitelli G. and Montanari G.
Analysis of Clinical Outcome of Patients with Lung Emphysema	Sousa I. et al.
Characterizing historical fire weather patterns	Esterby S. et al.
Asymptotic joint distributions of locations of largest values of a stationary random field	Pereira L.
Using multitable techniques for assessing copepods structure and succession in a temperate shallow estuary	Mendes S. et al.
Using indices to measure biodiversity change through time	McDonald C. et al.
Bayesian hierarchical models for road acidents in small-area	Ribeiro C. et al.
Measuring dependence of a space-time ARMAX storage model	Fonseca C. et al.
Multivariate Longitudinal Dynamic Regression Model of eGFR and ACR for Predicting Decline in Renal Function	Sousa I.
Detection of an Anomalous Cluster in a Network	Arias-Castro E. et al.
Spatio-Temporal conceptual model for a WEEE GIS application	Carvalho J. et al.
Wavelet-based estimation of spatiotemporal long-range dependence	Frías M.P. and Ruiz-Medina M.D.
Joint analysis of longitudinal and survival AIDS data in Brazil	Martins R. et al.
Wavelet-clustering for stationary local approximation of intrinsic heterogeneous random fields	Bueso M. C. et al.
Regional–scale analysis of extreme rainfalls via HMM	Betrò, B. et al.