

Wednesday, 22 nd November		Thursday, 23 rd November		Friday, 24 th November	
8:15 Registration					
Plenary Session (P. Monestiez)		Plenary Session (P. Goovaerts)		Health/Ecol. (P. Bogaert) <i>salle Panneterie</i>	Envir. (G. Christakos) <i>salle Benoit XII</i>
9:00 Opening		8:30 Keynote Speaker J.-P. Chilès		9:00 H.C. Zhu	8:30 V. Demyanov
9:20 Keynote speaker: P. Sampson		9:10 R. Froidevaux		9:30 E. De Oliveira	9:00 A. Batista
10:00 P. Goovaerts		9:40 M.Knotters		10:00 J. Almeida	9:30 K. Wu
10:30 J. Senegas		10:10 A. Desbarrats		10:00 R. Bruno	
<i>11:00 Coffee Break</i>		<i>10:40 Coffee Break</i>		<i>10:30 CoffeeBreak</i>	
Plenary Session (J. Gomez-Hernandez)		Plenary Session (P. Sampson)		Plenary Session (D. Allard)	
11:30 K. Vanderlinden		11:10 N. Cressie		11:00 A. Stein	
12:00 C. Venard		11:40 G. Guillot		11:30 J. Gomez-Hernandez	
12:30 B. Bourguine		12:10 A. Papritz		12:00 N. Jeannée	
		12:40 O. Christensen		12:30 A. Soares	
<i>13:00 Lunch</i>		<i>13:10 Lunch</i>		13:00 Closing Session <i>13:15 Lunch</i>	
Method (N. Cressie) <i>salle Panneterie</i>	Air/Climate (H. Wack.) <i>salle Benoit XII</i>	Soil/Site (R. Webster) <i>salle Benoit XII</i>	Hydro (J.P. Chilès) <i>salle Panneterie</i>		
14:30 E. Todini	14:30 J. Deraisme	14:40 D. D'Or	14:40 A. Worman		
15:00 M. Kanevski	15:00 E. Cassiraga	15:10 S. Druck-Fuks	15:10 H. Ramajo		
15:30 J.-F. Gleyze	15:30 M. Serre	15:40 D. Brus	15:40 M. Riva		
<i>16:00 Coffee Break</i>		<i>16:10 Guided Tour of the Palais des Papes</i> <i>17:10 Coffee Break</i>			
Method(J. Rivoirard) <i>(salle Panneterie)</i>	Air/Climate (Froidevaux) <i>(salle Benoit XII)</i>	Soil/Site (A. Stein) <i>(salle Benoit XII)</i>	Hydro (E. Todini) <i>(salle Panneterie)</i>		
16:30 C. Guardiola	16:30 B. Palacios Navrro	17:30 H. Demougeot	17:30 J. Jodar		
17:00 A. Jakomulsla	17:00 P. Atkinson	18:00 M. Peirera	18:00 K.-J. Rhoelig		
17:30	17:30 S. De Iaco	18:30 J. Reed	18:30 T. Chan		
18:00 Poster Session		<i>20:30 Conference Diner</i>			

Note:

All plenary sessions are in the "Salle Benoit XII"

Wednesday, 22nd November

Plenary Session (P. Monestiez)

9:00 Opening

9:20 Keynote speaker: **P. Sampson**: *Advances in Modeling and Inference for Environmental Processes with Nonstationary Spatial Covariance Structure*

10:00 **P. Goovaerts**: *Delineation of Hazardous areas and additional sampling strategy in presence of a location - specific threshold*

10:30 **J. Senegas**: *Application of data assimilation to three-dimensional hydrodynamics: the case of Odra lagoon*

11:00

Coffee Break

Plenary Session (J. Gomez-Hernandez)

11:30 **K. Vanderlinden**: *Local interpolation of some chemical parameters after the removal of the Aznalcollar mine spill sludge (south-east Spain)*

12:00 **C. Venard** : *Geostatistical evaluation of a monitoring strategy for water quality assessment*

12:30 **B. Bourguine** : *Space-time modeling of sand beach data : a geostatistical approach*

Wednesday, 22nd November

Method (N. Cressie)
salle Panneterie

Air/Climate (H. Wackernagel)
salle Benoit XII

14:30 **E. Todini:** *Bayesian Conditioning of a Random Field To Point Measurements*

J. Deraisme: *Geostatistical interpolation of rainfall in mountainous areas*

15:00 **M. Kanevski:** *Wavelet Analysis Residual Stochastic Simulations*

E. Cassiraga: *Incorporating information from a digital elevation model for improvement of the areal estimation of rainfall*

15:30 **J.-F. Gleyze:** *Detecting Regions of Abrupt Change : Wombling Procedure and Statistical Significance*

M. Serre: *Powering an Egyptian air quality information system with the Bayesian Maximum Entropy space/time analysis toolbox: Results from the Cairo baseline year study.*

16:00 Coffee Break

Method (J. Rivoirard)
salle Panneterie

Air/Climate (R. Froidevaux)
Salle Benoit XII

16:30 **C. Guardiola:** *Average Length of Objects Defined From Binary Realizations*

B. Palacios Navarro: *Robust Predictions of Rainfall in Navarre, Spain*

17:00 **A. Jakomulska:** *Variogram derived measures of textural image classification*

P. Atkinson: *Assessing uncertainty in the United Kingdom Nitrogen Dioxide Monitoring Network with ordinary and indicator kriging*

17:30

S. De Iaco: *Total Air Pollution and Space-Time Modelling*

18:00 Poster Session

Thursday, 23rd November

Plenary Session (P.Goovaerts)

8:30 Keynote speaker: **J.-P. Chilès** *On the contribution of hydrogeology to advances in geostatistics*

9:10 **R. Froidevaux**: *A probabilistic and Conditional Approach for Delineating the Extent of a Contamination Plume within an Aquifer*

9:40 **M. Knotters**: *Stochastic space-time modeling of water table depth using a regionalized ARX model and the Kalman filter*

10:10 **A. Desbarrats**: *Geostatistical modeling of regionalized grain-size distributions using Min/Max autocorrelation factors*

10:40 Coffee Break

Plenary Session (P. Sampson)

11:10 **N. Cressie**: *Kriging for Cut-offs and other difficult problems*

11:40 **G. Guillot**: *Definite positive covariance estimator for non stationary random fields*

12:10 **A. Papritz**: *Parameter uncertainty in spatial prediction: does it matter in practice ?*

12:40 **O. Christensen**: *Analysing positive-valued spatial data : the transformed Gaussian model*

Thursday, 23rd November

Soil science / Site remediation (R. Webster) <i>salle Benoit XII</i>	Hydrogeology (J.-P. Chilès) <i>salle panneterie</i>
14:40 D. D'Or: <i>Fine scale soil texture estimation using soil maps and profile descriptions</i>	A. Worman: Analysis of Radionuclide Migration in Rock Fractures with Heterogeneous Matrix Diffusion
15:10 S. Druck-Fuks: <i>A Comparison of Geostatistical Simulation Approaches For Estimating The Spatial Uncertainty of Soil Texture</i>	H. Ramajo: Differences in the upscaled behaviour of gas and liquid phases in multiphase flow
15:40 D. Brus: <i>A Method for Mapping the Risk of Exceeding Critical Thresholds for Cadmium Concentrations in Soils in the Netherlands</i>	M. Riva: Radial flow in a bounded randomly heterogeneous aquifer with recharge
16:10 Guided Tour of the Palais des Papes (English / French) 17:10 Coffee Break	
Soil science / Site remediation (A. Stein) <i>salle Benoit XII</i>	Hydrogeology (E. Todini) <i>salle panneterie</i>
17:30 H. Demougeot-Renard: <i>Managing heterogeneous sampling data for geostatistical estimations of Benzo(A) pyrene concentrations in a former gas works</i>	J. Jodar: <i>Geostatistical modeling of tracer tests in a single fracture. Calibration of transport parameters</i>
18:00 M. Peirera: <i>Accounting for soft information in mapping soil contamination with THP at an oil storage site</i>	K.-J. Rhoelig: <i>Uncertainty and Sensitivity Analyses for Contaminant Transport, Models based on Conditional Indicator Simulations</i>
18:30 J. Reed: <i>A geostatistical analysis of contaminated sediment in a commercial dock in the United Kingdom</i>	T. Chan: <i>Stochastic flow and transport simulations of a three-dimensional tracer test in moderately fractured plutonic rock.</i>
20:30 Conference diner on board <i>Mireio</i>	

Friday, 24th November

Health/Ecology (P. Bogaert)
salle Panneterie

Environment (G. Christakos)
salle Benoit XII

9:00 **H. Zhu:** *An application of geostatistical and GIS techniques to indoor radon risk mapping*

V. Kanevski: *Neural Network residual BME analysis of Chernobyl fallout*

9:30 **E. De Oliveira:** *Impact of local pollution on fish abundance using geostatistical simulations*

A. Batista: *Factorial Kriging applied to the study of industrial contaminated soils*

10:00 **J. Almeida:** *Geostatistical Characterization of a Pine Tree Productivity Index*

K. Wu: *Multiple-scale modeling of the spatial distribution of soil bacteria using random field methods*

R. Bruno: *Identification of Regional Variability Component by Geostatistical Analysis of Stream Sediments*

10:30 Coffee Break

Plenary Session (D. Allard)

11:00 **A. Stein:** *Issues of scale in environmental studies*

11:30 **J. Gomez-Hernandez:** *Probability field algorithm for multivariate conditional simulation*

12:00 **N. Jeannée:** *Which Experimental Variogram For The Structural Inference : A Methodological Study*

12:30 **A. Soares:** *Direct Sequential Co-simulation*

13:00 Closing