



# 21st International Workshop on Spatial Econometrics and Statistics

May 25-26, 2023, Dijon (France)

## PROGRAM



The conference will take place at the University of Burgundy, bâtiment droit-lettres, 4 bd Gabriel, 21000 Dijon.

### Invited speakers :

- Zhenlin YANG (Singapore Management University)
- Gianfranco PIRAS (The Catholic University of America)
- Coro CHASCO YRIGOYEN (Université Autonome de Madrid)

### Cem Ertur Prize

Contact : [sew2023@scienceconf.org](mailto:sew2023@scienceconf.org)

### Website:

<https://sew2023.sciencesconf.org/>



Association  
de Science Régionale  
de Langue Française





# Program

« *SEW 2023* » - Thursday, 25 May 2023

8h45 - 9h30 Registration and coffee (Room 102)

9h30 - 10h30 Invited Lecture I (Amphitheater Guitton)  
Chair: Rachel Guillain

**Coro Chasco (Universidad Autónoma de Madrid)**  
«*The R package estdaR for spatiotemporal analysis*»  
(discussant Catherine Baumont)

10h30 - 10h45 Coffee break (Room 102)

10h45 - 12h15 Parallel sessions

**Session 1 (Amphitheater Guitton)**

Chair: Catherine Baumont

- «*Agronomic and socio-economic drivers of crop protection in France*»  
Olivier Lision, Tifenn Corre, Anna Lungarska, Thomas Pomeon
- «*Does diversity protect? An application of diversity measures at distance*»  
Eric Marcon, Florence Puech
- «*Trees in the Public Rights-of-Way: Is there a Green on Green?*»  
Sofia Franco

**Session 2 (Room 101)**

Chair: Oguzhan Akgun

- «*The paradox of the armed conflict in Colombia: unexpected benefits on agricultural production*»  
Diego Lopez
- «*The Cost of Noncompliance with Mandatory Pest Control: Causal Evidence from French Vineyards*»  
Jean-Sauveur Ay, Estelle Gozlan, Emmanuel Paroissien
- «*Under the Canopy: Mining and deforestation in Sub-Saharan Africa*»  
Mboundor Diouf, Raja Chakir, Ahmed Tritah

12h30 - 14h00 Lunch (Room 102)

# Program

« *SEW 2023* » - Thursday, 25 May 2023

14h00 - 15h00

Invited Lecture II (Amphitheater Guitton)  
Chair: Oguzhan Akgun

Zhenlin Yang  
(School of Economics, Singapore Management University)  
«*Dynamic Spatial Panel Data Models with Interactive Fixed Effects: M-Estimation and Inference under Fixed or Relatively Small T*»  
(discussant Oguzhan Akgun)

15h00 - 16h00

Cem Ertur prize session (Amphitheater Guitton)  
Chair: Ghislain Geniaux

- «*Spatial concentration and neighbourhood effects in Indian service industries: Evidence from micro-level data*»  
Sugam Agarwal
- «*Using inverse location models to study the impact of increased accessibility to emergency facilities on housing prices. An illustration in Dijon Métropole*»  
Alper Acar

16h00 - 16h30

Coffee break (Room 102)

16h30 - 18h00

Parallel sessions

Session 1 (Amphitheater Guitton)  
Chair: Florence Puech

- «*Non parametric test for spatial autoregressions*»  
Francesca Rossi
- «*Factor augmented one covariate at a time, multiple testing variable selection for high-dimensional models*»  
Haoyang Li, Arnab Bhattacharjee
- «*Functional gradient descent boosting for additive non-linear spatial autoregressive model (gaussian and probit)*»  
Ghislain Geniaux

# Program

« *SEW 2023* » - Thursday, 25 May 2023

16h30 - 18h00

Session 2 (Room 101)

Chair: Rachel Guillain

- «*Spatial dependence and territorial inequalities in Central Africa: the case of Gabon*»  
*Rojas'sh Lasney Mouckendou Mihindou*
- «*A dynamical taxonomy of population density: moving around in the Moran scatterplot*»  
*Angela Parenti, Davide Fiaschi, Cristiano Ricci*
- «*Spatial econometric modeling of the COVID19 deaths' number for a panel of countries*»  
*Abdessamad Ouchen, Hamid Akdim*

18h00

Departure for the Gala Dinner at the Cité internationale center for gastronomy and wine, free visit

19h00

Cocktail at the Cuisine expérentielle

20h00

Gala Dinner at the Cuisine expérentielle

# Program

« *SEW 2023* » - Friday, 26 May 2023

8h45 - 9h00 Coffee (Room 102)

9h00 - 10h00 Invited Lecture III (Amphitheater Guitton)  
Chair: Rachel Guillain

Gianfranco Piras (The Catholic University of America)  
«*A J-Test for Spatial Autoregressive Binary Models*»  
(discussant Rachel Guillain)

10h00 - 11h00 Session (Amphitheater Guitton)  
Chair: Catherine Baumont

- «*Robust estimation and outlier detection with spatial correlation coefficients*»  
*Giuseppe Arbia, Vincenzo Nardelli*
- «*Spatial Aggregation-Repulsion-Diffusion model: theory and estimation*»  
*Davide Fiaschi, Angela Parenti, Cristiano Ricci*
- «*Trees in the Public Rights-of-Way: Is there a Green on Green?*»  
*Sofia Franco*

11h00 - 11h15 Coffee break (Room 102)

11h15 - 12h45 Session (Amphitheater Guitton)  
Chair: Oguzhan Akgun

- «*Spatially allocating preferences derived from a choice experiment: a comparison of two methods*»  
*Chloé Beaudet, Léa Tardieu, Maia David, Romain Crastes dit Sourd*
- «*Household Sorting in an Ancient Setting*»  
*Abhimanyu Gupta, Jonathan Halket*
- «*A geospatial dependence in creating innovation*»  
*Chiara Colamartino, Patricia Laurens, Pierluigi Toma*

12h45 - 14h00 Lunch (Room 102)

Afternoon till 16h00 Rooms Available for group work

Thank you for coming to the  
21st international Workshop  
on Spatial Econometrics and  
Statistics and enjoy your stay  
in Dijon!



# Campus map of the University of Burgundy



ECOLE DOCTORALE  
**DGEP**

UBFC  
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Laboratoire d'Economie de Dijon

**DIJON**  
métropole

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