



# 17th International Workshop on Spatial Econometrics and Statistics

May 24-25, 2018, Dijon (France)

## PROGRAM

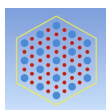


The conference will take place at Maison des Sciences de l'Homme, Université de Bourgogne, 6 Esplanade Erasme, 21000 Dijon.

The workshop is organized by the LEDi (university of Burgundy), and the CESAER (INRA, AGRO SUP). This edition follows previous workshops held in France since 2001 (Avignon, Besançon, Dijon, Grenoble, Orléans, Paris, Strasbourg, Toulon, Toulouse and Avignon).

*Website:*

<http://ledi.u-bourgogne.fr/toute-lactualite/408-17th-workshop-on-spatial-econometrics-and-statistics.html>



Association  
de Science Régionale  
de Langue Française



# Program

« *SEW 2018* » - May 24-25, 2018

*The aim of this International Workshop is to promote and develop scientific exchanges between economists, econometricians, statisticians and mathematicians on spatial econometrics and statistics and their applications in several fields of economics. The workshop reinforces and encourages exchanges between senior and junior researchers involved in spatial statistics and econometrics.*

## Invited Speakers:

- **Paul Elhorst** (University of Groningen)
- **Jesus Mur** (University of Zaragoza, Unizar Department on Economic Analysis)
- **Nicolas Debarsy** (LEM, UMR CNRS 9221, Faculté des Sciences Economiques et Sociales de Lille1).

## Two special events this year:

- **Cem Ertur's Prize**
- **Plenary session dedicated to the memory of Raymond Florax**, with:
  - **Thomas de Graaff** (Vrije Universiteit Amsterdam)
  - **Bernard Fingleton** (University of Cambridge).

# Program

« *SEW 2018* » - May 24-25, 2018

## Scientific Committee:

- **Jean-Sauveur Ay** (CESAER, INRA Dijon)
- **Catherine Baumont** (LEDi, Université de Bourgogne)
- **Raja Chakir** (Economie Publique, INRA, Paris)
- **Nicolas Debarsy** (LEM, UMR CNRS 9221, Faculté des Sciences Economiques et Sociales de Lille1)
- **Ghislain Geniaux** (Écodeveloppement INRA, Avignon)
- **Rachel Guillain** (LEDi, Université de Bourgogne)
- **Julie Le Gallo** (CESAER, Agrosup Dijon)
- **Diego Legros** (LEDi, Université de Bourgogne)
- **Alain Pirotte** (CRED, Université Paris II Panthéon-Assas)
- **Christine Thomas-Agnan** (TSE, Université de Toulouse I)
- **Alexandra Schaffar** (LEAD, Université de Toulon)

## Organizing committee:

- **Rachel Guillain** (LEDi, Université de Bourgogne)
- **Julie Le Gallo** (CESAER, Agrosup Dijon)
- **Rachelle PETIT** (LEDi, Université de Bourgogne)

**Contact:** [sew2018@u-bourgogne.fr](mailto:sew2018@u-bourgogne.fr)

# Program

« *SEW 2018* » - Thursday, 24 May 2018

8h40 - 9h15

Registration and coffee (Forum des Savoirs, MSH)

9h15 - 9h30

Welcome (Forum des Savoirs, MSH)

9h30 - 10h30

Invited Lecture (Forum des Savoirs, MSH)  
Chair: Bernard Fingleton (Cambridge University)

**Jesus Mur (University of Zaragoza)**  
«*Issues on W. Selection, Estimation and Breaks*»  
(discussant Paul Elhorst)

10h30 - 10h45

Coffee break (Forum des Savoirs, MSH)

10h45 - 12h15

Parallel sessions: Cem Ertur prize sessions

*Cem Ertur prize Parallel session 1* (Forum des Savoirs, MSH)  
Chair: Julie Le Gallo (Agrosup Dijon)

- Andres Vallone (Madrid Autonomous University), Coro Chasco (Madrid Autonomous University): «*Spatio-temporal methods for the analysis of the Chilean urban system dynamics*» (discussant Catherine Baumont)
- Jorge Diaz-Lanchas (DG Joint Research Center, European Commission), Raymond J.G.M. Florax (Purdue University), Peter Mulder (Vrije Universiteit Amsterdam): «*What determines diversity and specialization patterns across cities? Evidence from Spain*» (discussant Bernard Fingleton)
- Abhimanyu Gupta (University of Essex), Xi Qu (Shanghai Ji -aotong University): «*Consistent specification testing under network dependence*» (discussant Fernando Lopez)

*Cem Ertur prize Parallel session 2* (Salle des séminaires, MSH)  
Chair: Rachel Guillain (Université de Bourgogne)

- Cyrille Dossougoin (Université Catholique de Louvain): «*Sovereign risk spillovers and cross-border financial positions*» (discussant Coro Chasco)
- Kais Ben-Ahmed (University of Sousse), Faysal Mansouri (University of Sousse): «*A method for constructing the spatial weights matrix: an application to firm location in the central of Tunisia*» (discussant Florence Puech)
- Jean Dubé (Université de Laval), Sotirios Thanos (University of Manchester), Diego Legros (Université de Bourgogne), Sonia Yousfi (Université de Bourgogne): «*Same difference: a unifying framework for house value predictions through hedonic pricing, nearest neighbours, and comparable sales*» (discussant Jean-Sauveur Ay)

# Program

« *SEW 2018* » - Thursday, 24 May 2018

12h15 - 14h00

*Lunch* (Salle R01, Pôle AAFE)

14h00 - 15h00

Invited Lecture II (Forum des Savoirs, MSH)  
Chair: Paul Elhorst (Rijkuniversiteit Groningen)

**Nicolas Debarsy (University of Lille 1):**

«*Efficient estimation of spatial regression models based on convex combinations of different types of weight matrices*»  
(discussant Jesus Mur)

15h00 - 15h15

*Coffee break* (Forum des Savoirs, MSH)

15h15 - 16h45

Parallel sessions 1

*Session: Methodological advances in spatial statistics and spatial econometrics* (Forum des Savoirs, MSH)

Chair: Alain Pirotte (Université Paris II)

- Eric Marcon (AgroParisTech): «*Entropy-based Common Measures of Biodiversity and the Spatial Structure of Economic Activity*» (discussant Diègo Legros)
- Coro Chasco (Universidad Autonoma de Madrid), Fernando A. Lopez-Hernandez (Universidad Politécnica de Cartagena), Julie Le Gallo (AgroSup Dijon): «*Testing for spatial group-wise heteroscedasticity in spatial autocorrelation regression models: Lagrange multiplier scan tests*» (discussant Eric Marcon)

*Session: Networks* (Salle des séminaires, MSH)

Chair: Raja Chakir (Economie Publique)

- Camille Régnier (Université de Bourgogne), Catherine Baumont (Université de Bourgogne): «*When spatial econometrics meets network analysis: an application to the european firms' network*» (discussant Sandra Nevoux)
- Florent Sari (Université de Nantes): «*Spatial disparities in accessibility to leisure amenities: the case of Pokémon GO*» (discussant Camille Regnier)
- Sandra Nevoux (Banque de France), Eric Marcon (AgroParisTech), Florence Puech (Université Paris-Sud): «*Local diffusion of short-time work*» (discussant Florent Sari)

18h00

*Departure for guided tour and dinner* (Hall, MSH)

- Guided tour of the Domaine G. Roblot-Marchand & fils winery and wine tasting in Chambolle-Musigny
- Conference dinner at the restaurant Le VinTage in Vosne-Romanée

# Program

« *SEW 2018* » - Friday, 25 May 2018

8h30 - 9h00

*Coffee* (Forum des Savoirs, MSH)

9h00 - 10h00

Invited Lecture III (Forum des Savoirs, MSH)

Chair: Catherine Baumont (Université de Bourgogne)

**Paul Elhorst (Rijkuniversiteit Groningen):**  
«*Spatial Econometrics: Recent developments*»  
(discussant Thomas de Graaff)

10h00 - 10h15

*Coffee break* (Forum des Savoirs, MSH)

10h15 - 11h45

Parallel sessions 2

*Session: Methodological advances in spatial statistics and spatial econometrics* (Forum des Savoirs, MSH)

Chair: Fernando López (Polytechnic University of Cartagena)

- Ghislain Geniaux (INRA): «*A L2 Boosting technique for nonlinear Spatial model*»  
(discussant Oguzhan Akgun)
- Roman Minguez (University of Castilla-La Mancha, Spain), Fernando López (Polytechnic University of Cartagena, Spain), Jesus Mur (University of Zaragoza): «*spsur: An R package for specification, estimation and testing of spatial and spatio-temporal SUR econometric models*»  
(discussant Ghislain Geniaux)
- Oguzhan Akgun (Université Paris II), Alain Pirotte (Université Paris II), Giovanni Urga (Cass Business School): «*Heterogeneity and cross-sectional dependence in panels: heterogeneity vs. homogeneous estimators*»  
(discussant Raja Chakir)

*Session: Macroeconomics and Finance* (Salle 102 Pôle AAFE)

Chair: Florent Sari (Université de Nantes)

- Wafa Miled (High Institute of Management): «*Dynamic modeling for spatio-temporal relationships between mature and immature financial markets*»  
(discussant Myrian Ben Saad)
- Sophie Béreau (Université de Namur), Nicolas Debarsy (Université de Lille), Cyrille Dossougoin (Université Catholique de Louvain), Jean-Yves Gnabo (Université de Namur): «*Bank similarity and systemic risk: an empirical approach*»  
(discussant Wafa Miled)
- Myrian Ben Saad (Université de Toulon) and Alexandra Schaffar (Université de Toulon): «*Modélisation empirique des interactions spatiales dans le processus de la complexification des systèmes productifs*»  
(discussant Sophie Béreau)

# Program

« *SEW 2018* » - Friday, 25 May 2018

**11h45 - 12h45** *Session in the memory of Raymond J.G.M. Florax* (Forum des Savoirs, MSH)  
Chair: Coro Chasco (Universidad Autonoma de Madrid)

- Thomas de Graaff (Vrije Universiteit Amsterdam): «*On spatial dependence in stochastic frontier models with an application to European regional economic performance*»  
(discussant Paul Elhorst)
- Bernard Fingleton (Cambridge University): «*Exploring Brexit with dynamic spatial models: some possible outcomes for employment across the EU regions*»  
(discussant Nicolas Debarsy)

**12h45 - 14h00** *Lunch* (Salle R01, Pôle AAFE)

**14h00 - 15h30** *Session: Land use* (Forum des Savoirs, MSH)  
Chair: Ghislain Geniaux (INRA)

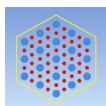
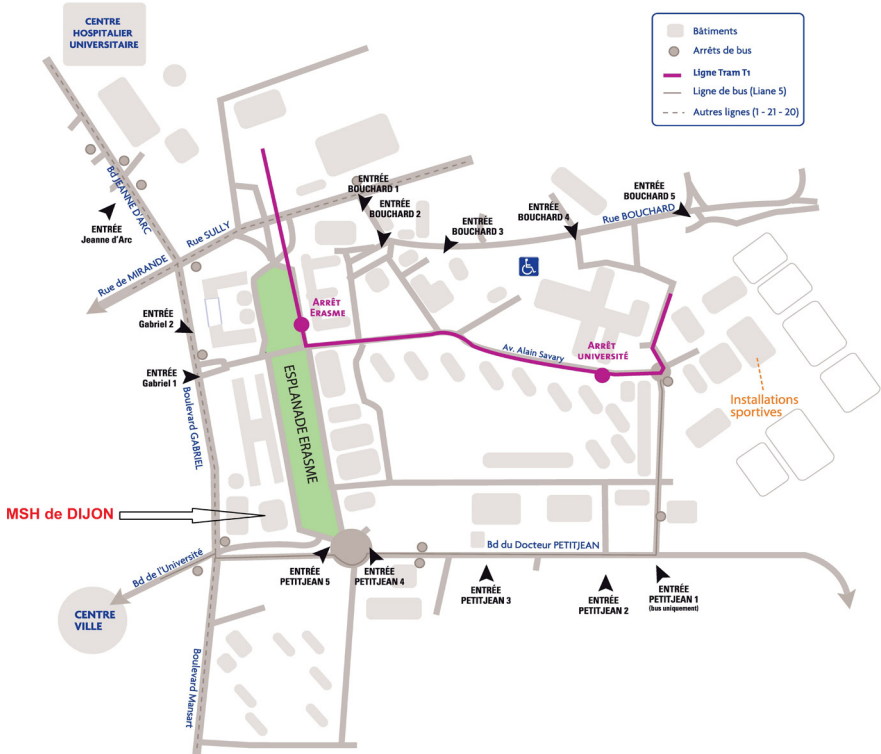
- Jaune Vaitkeviciute (INRA), Raja Chakir (Economie Publique), Steven van Passel (University of Antwerp): «*Climate variable choice in Ricardian studies on European agriculture*»  
(discussant Emmanuel Bougna)
- Yuheng Ling (Université de Corse): «*Time and space: evidence from Corsican housing market*»  
(discussant Jaune Vaitkeviciute)
- Emmanuel Bougna (Université de Bourgogne), Catherine Baumont (Université de Bourgogne): «*The impact of urban structure on residential energy consumption, the case of Paris MA*»  
(discussant Yuheng Ling)

**15h30 - 16h00** *Farewell coffee* (Forum des Savoirs, MSH)

**16h00** *End of the Workshop*



# Campus map of the University of Burgundy



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