

20th International Workshop on Spatial Econometrics and Statistics

Lille, May 19-20 2022

Program

Conference venue

Maison de la recherche, "campus Pont de Bois" of Université de Lille
(more information can be found [here](#))

Website: <https://sew2022.sciencesconf.org/>

Contact: sophie.dabo@univ-lille.fr or Nicolas.debarsy@cnrs.fr

General guidelines

25 min slots are allocated to papers to regular sessions. To allow time for discussion, speakers are invited to prepare a presentation of approximately 17 min. All papers should be presented in English.

To foster interactions, each paper will be briefly discussed. The discussant is not required to prepare a support for his/her comments, unless he/she deems it relevant.

For the session dedicated to the Cem Ertur Prize, 30 min slots are allocated to each paper. A 20 min presentation is expected from the speaker.

For the online poster session (Friday, 20), a 5 min slot is allowed for each poster. We expect a short presentation (3 min) to allow for some questions in the audience. The on site poster session will also take place on Friday 20. Note that posters and their presentation should be in English too.

Thursday May 19

8h30 – 8h50: Registration and coffee

8h50 – 9h: Welcome (salle des colloques)

9h – 10h40: Session 1- Model Specification

Salle des colloques

Chair: Raja Chakir (INRAE AgroParisTech, Université de Paris-Saclay)

Alper ACAR (LEDI, Université de Bourgogne-Franche-Comté), Catherine BAUMONT (LEDI, Université de Bourgogne-Franche-Comté)

Inferring district quality on housing prices

Discussant: Alpha Ly

Alpha LY (LEDA and Climate Economics Chair, Université Paris Dauphine), Raja CHAKIR (INRAE, AgroParisTech, Université Paris-Saclay), Anna CRETI (LEDA and Climate Economics Chair, Université Paris Dauphine)

Spatial analysis of the impacts of Electrification on Deforestation in Côte d'Ivoire

Discussant: Julie Le Gallo

Julie LE GALLO (CESAER, INRAE, Institut Agro, Université de Bourgogne Franche-Comté), Nicolas DEBARSY (LEM, Université de Lille) [online]

Identification, causality and spatial Econometrics

Discussant: Ghislain Geniaux

Ghislain GENIAUX (Ecodeveloppement, INRAE)

Speeding up estimation of spatially varying coefficients models

Discussant: Sophie Dabo

10h40 - 11h: Coffee break

11h – 12h: Keynote Lecture 1

Salle des colloques

Chair: Nicolas Debarsy (LEM, Université de Lille)

Xiaodong LIU (Department of Economics, University of Colorado Boulder)

A Structural Network Formation Model and Its Application in R&D Networks

12h – 13h30: Lunch

13h30 – 15h30: Cem Ertur Prize Session

Salle des colloques

Chair: Alain Pirotte (CRED, Université Panthéon-Assas Paris II)

Rowan CHERODIAN (School of Economics, University of Kent)

MiLasso: for spatially correlated models

Discussant: Jorge Mateu Mahiques

Nathan WISERMAN (Department of Economics - University of Nevada) [online]

Job Access and Property Price Gradients Over Time

Discussant: Ghislain Geniaux

Laura Helena KIVI (School of Economics and Business Administration, University of Tartu)

Spatial interactions of regional labour markets in Europe: cultural or geographical proximity

Discussant: Jan Mutl

Adhen BENLAHLOU (GATE, Université de Lyon St Etienne)

Scientific peer-effects in Cancer Research

Discussant: Xiaodong Liu

15h30-15h50: Coffee break

15h50 – 17h30: Parallel Sessions

Session a: Methodology

Salle des colloques

Chair: Christine THOMAS-AGNAN (Toulouse School of Economics)

Vincenzo NARDELLI (Università degli Studi di Milano-Bicocca), Giuseppe ARBIA (Università Cattolica del Sacro Cuore), Daniel GRIFFITH (University of Texas, Dallas)

Robust Alternatives to Spatial Autocorrelation Measures: the Moran-Huber Statistics

Discussant: Vincenzo Verardi

Vincenzo VERARDI (FNRS, Université de Namur et Université Libre de Bruxelles), Nicolas DEBARSY (LEM, Université de Lille), Catherine VERMANDELE (Université Libre de Bruxelles)

Efficient estimation of spatial econometrics models under skewed and/or heavy tails

Discussant: Francesca Rossi

Francesca ROSSI (Department of Economics, University of Verona), Offer LIEBERMAN (Department of Economics, Bar-Ilan University)

Inference in a spatial autoregressive model with an extended coefficient range and a similarity-based weight matrix

Discussant: Lukas Dargel

Lukas DARGEL (Toulouse School of Economics and BVA Group), Christine THOMAS-AGNAN (Toulouse School of Economics)

A generalized framework for estimating spatial econometric interaction models

Discussant: Vincenzo Nardelli

Session b: Networks models

Room F0.13

Chair: Florence PUECH (Université de Paris-Saclay)

Sofia F. FRANCO (Department of Economics, University of California-Irvine), W. Bowman Cutter (Department of Economics, Pomona College), W. Skyler Lewis (Department of Economics, Pomona College)

The topology of regulatory costs: The Shadow Cost-Gradient of Parking Standards

Discussant: Paula Margaretic

Paula MARGARETIC (Universidad de San Andrés and University Adolfo Ibanez), Federico GLANCSPIGEL (Universidad de San Andrés)

How local is the crime effect on house prices? Evidence from Latin America

Discussant: Mathieu Lambotte

Mathieu LAMBOTTE (GAEL, Université Grenoble Alpes), Sandrine MATHY (GAEL, Université Grenoble Alpes), Anna RISCH (GAEL, Université Grenoble Alpes), Carole TREIBICH (GAEL, Université Grenoble Alpes) [online]

Spreading active transportation: peer effects and key players in the workplace

Discussant: Florent Sari

Florent SARI (ERUDITE, Université Paris-Est Créteil), Amélie CHUNG (Laboratoire de Recherches Juridique et Economique, Université de la Nouvelle-Calédonie)

Academic achievement among the youth in New Caledonia: Do peers matter?

Discussant: Sofia Franco

17h30: Departure from conference site to Lille for visit of the city center (1h) and the Gala dinner (19h45)

Friday May 20

8h30 – 9h: Registration and Coffee

9h – 10h25: Session 2 - Health Economics and statistics

Salle des colloques

Chair: Aurore LAVIGNE (LPP, Université de Lille)

Yoba KANDE (LPP, Université de Lille), Sophie DABO (LPP, Université de Lille), Patrice BREHMER (Research Institute for Development – Senegal)

Spatio-functional analyzes of halieutic acoustic data

Discussant: Emmanuel Thilly

Jan MUTL (EBS Business School)

Contagion Channels of Covid-19: Implications for Measuring Inter-Regional Interactions

Discussant: Youba Ndiaye

Youba NDIAYE (CIRAD, UMR ASTRE, ENVT, INRAE), Zoë POLETTE (CIRAD, UMR ASTRE, ENVT, INRAE), Mehdi BERRADA (CIRAD, UMR ASTRE, ENVT, INRAE), Ahmed FERCHIOU (CIRAD, UMR ASTRE, ENVT, INRAE), Guillaume LHERMIE (CIRAD, UMR ASTRE, ENVT, INRAE and Department of Production Animal Health, University of Calgary), Didier RABOISSON (CIRAD, UMR ASTRE, ENVT, INRAE)

Impacts of market conditions on sanitary risk factor: a spatial panel data analysis of French cantons over the period 2010-2019

Discussant: Raja Chakir

10h25 – 10h55: Online Poster Session

Salle des colloques

Chair: Florent SARI (ERUDITE, Université Paris-Est Créteil)

Hassan AMOUZAY (LEAM, Mohammed V University in Rabat), Raja CHAKIR (INRAE AgroParisTech, Université de Paris-Saclay), Sophie DABO (LPP, Université de Lille), Ahmed EL GHINI (LEAM, Mohammed V University in Rabat)

Impacts of climate change on agriculture production in the MENA region: A spatial panel Econometric Analysis

Egor KOTOV (National Research University Higher School of Economics, HSE University)

Do the commuters get their money's worth? Real world vs calculated measures of jobs accessibility and their influence on housing prices

Maryna MAKEIENKO (UNED), Mariano MATILLA GARCIA (Villanueva University)

Comparative Applied Research on Spatial Deterministic trends and Spatial Econometric Structures

Maria Victoria RIVAS-LOPEZ (Universidad Internacional Villanueva), Mariano MATILLA-GARCIA (Universidad Nacional Educación a Distancia), Roman MINGUEZ-SALIDO (Universidad Castilla La Mancha), Miguel Angel BRAVO-OVALLE (Geobamodelling)

Contribution of Geographically Weighted Poisson Regression (GWPR) in the modelling of water damage insurance claim frequency

Diana PRELORENZO (Université Sorbonne Nouvelle - Paris 3)

An exploratory Spatial Data Analysis of the tourism specialization in Cancun (Mexico)

Mcarmen Victoria MARTINEZ (Almería University), Mariluz Mate-Sanchez-Val (Technical University of Cartagena)

Does your neighbor's absorptive capacity matter? The effect of the local dimension on firms' absorptive capacity and business failure

10h55 – 11h15: Coffee break

11h15 – 12h15: Keynote Lecture 2

Room: Salle des thèses

Chair: Sophie DABO (LPP, Université de Lille)

Jorge MATEU MAHIQUES (Department of Mathematics, Universitat Jaume I)

Spatio-temporal point process models for the analysis of infectious diseases

12h15 – 14h20: On Site Poster Session (Room 041 or outside) and lunch

[Roberta MURI](#) (Department of Economics, University of Verona), [Alessandro BUCCIOL](#) (Department of Economics, University of Verona), [Francesca ROSSI](#) (Department of Economics, University of Verona)

Municipal Waste Policies and Spatial Effects: An Empirical Analysis on the Veneto Region of Italy

[Paul Aimé Latsouck FAYE](#) (IMAG, Université de Montpellier)

Spatial statistical analysis of coral reef community settlement indicators

[Florian FOUQUET](#) (LEMNA, Université de Nantes), [Florent SARI](#) (ERUDITE Université Paris Est Créteil)

Overeducation and commuting of young workers in France

[Perla Irasema RIVADENEYRA GARCIA](#) (University of Macerata), [Luisa SCACCIA](#) (University of Macerata), [Luca SALVATI](#) (University of Macerata and Sapienza University)

A Spatial Regression Analysis of Colombia's Narcodeforestation with Factor Decomposition of Multiple Predictors

[Giuseppe ARBIA](#) (Università Cattolica del Sacro Cuore), [Elena Semerikova](#) (Higher School of Economics University)

A two-step procedure for estimating spatial error quantile models

14h20 – 16h: Parallel Sessions

Session a Data analysis and visualization

Salle des colloques

Chair: [Emmanuel THILLY](#) (LPP, Université de Lille)

[Matthias ECKARDT](#) (Chair of Statistics, Humboldt-Universität), [Jorge MATEU MAHIQUES](#) (Department of Mathematics, Universitat Jaume I) [online]

A spatial dependence graph model for multivariate spatial hybrid processes

Discussant: Zaineb Smida

[Thibault LAURENT](#) (Toulouse School of Economics), [Paula MARGARETIC](#) (Universidad de San Andrés and University Adolfo Ibanez), [Christine THOMAS-AGNAN](#) (Toulouse School of Economics) [online]

Investigating graphical representations of origin-destination spatial flow data

Discussant: Florence Puech

[Zaineb SMIDA](#) (IMAG, Université de Montpellier), [Lionel CUCALA](#) (IMAG, Université de Montpellier), [Ali GANNOUN](#) (IMAG, Université de Montpellier), [Ghislain DURIF](#) (IMAG, Université de Montpellier)

A Wilcoxon-Mann-Whitney spatial scan statistic for functional data

Discussant: Matthias Eckardt

[Florence PUECH](#) (Université Paris-Saclay), [Eric MARCON](#) (AgroParisTech, UMR Amap, Univ. Montpellier, Cirad, CNRS, INRAE, IRD, Montpellier)

Spatial heterogeneity or spatial diversity? Towards a unified approach for evaluating biodiversity

Discussant: Thibault Laurent

Session b Regional Economics and Firm Dynamics

Room F0.13

Chair: Catherine BAUMONT (LEDI, Université de Bourgogne)

Mariluz MATE-SANCHEZ-VAL (Economics, Accounting and Financial Department, Universidad Politécnica de Cartagena), Manuel RUIZ MARIN (Department of Quantitative Analysis, Universidad Politécnica de Cartagena), Jose NOGUERA-VENERO (Economics, Accounting and Financial Department, Universidad Politécnica de Cartagena)

Symbolization techniques to examine the geography impact on business failure processes during the covid pandemic

Discussant: David Dadakpete

Artem DEMYONENKO (Department of Applied Economics, HSE University) [online]

Regional Effects of Fiscal Policy: Analysis with Spatial Vector Autoregressive Models

Discussant: Mariluz Mate-Sanchez-Val

David DADAKPETE (LEDI, Université de Bourgogne Franche-Comté)

Spatial Accelerated Failure Time (AFT) model using bayesian approach: Application on 300 manufacturing plants in Île-de-France

Discussant: Yuheng Ling

Yuheng LING (University of Corsica Pasquale Paoli and INRAE, Institut Agro, Université de Bourgogne Franche-Comté), Romain Justinien RAZAFINDRAVAOSOLONIRINA (CEMOI, University of Reunion Island)

The Determinants and Motivations of China's Outward Foreign Direct Investment: A spatial error component approach

Discussant: Artem Demyonenko

16h – 16h20: Coffee break

16h20 – 17h35: Session 3 – Hypothesis testing

Salle des colloques

Chair: Nicolas Debarsy (LEM, Université de Lille)

Giovanni MILLO (DEAMS, University of Trieste) [online]

Specifying spatial effects in panel data: Robust vs. conditional tests

Discussant: Malabika Koley

Malabika KOLEY (Department of Economics, University of Illinois at Urbana-Champaign), Anil K. BERA (Department of Economics, University of Illinois at Urbana-Champaign) [online]

To Use, or Not to Use the Spatial Durbin Model, that is the Question

Discussant: Oguzhan Akgun

Oguzhan AKGUN (LEDI, Université de Bourgogne), Alain PIROTTE (CRED, Paris-Panthéon-Assas University), Giovanni URGÀ (Bayes Business School (formerly Cass), London), Zhenlin YANG (School of Economics, Singapore Management University) [online]

Equal Predictive Ability Tests for Panel Data with Applications to OECD and IMF Forecasts

Discussant: Giovanni Millo

Partners



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