

## Delio Lucena

LEREPS – Manufacture des Tabacs, 21 allée de Brienne 31042 Toulouse Cedex \* [delio.lucena\[at\]ut-capitole.fr](mailto:delio.lucena[at]ut-capitole.fr) \* [GoogleScholar](#) \* [ORCID](#)

### *Associate Professor of Economics*

*LEREPS – Sciences Po Toulouse – University of Toulouse*

Research interests : Social Network Analysis \* Meso Structures \* Economic Geography of Innovation \* Scientific Collaboration \* Financial Networks

*Qualifié MCF – 2021 – 05 – 21205323019*



## EDUCATION

2020

PhD in Economics

*University of Toulouse Capitole / LEREPS*

Thesis *Beyond the Dyadic Approach in Social Network Analysis: Applications to Innovation Studies and Financial Economics*. Supervised by Jérôme Vicente and Stefano Ugolini (Sciences Po Toulouse / LEREPS)

Committee:

- Clemens Jobst, University of Vienna
- Francesc-Xavier Molina-Morales, University Jaume I
- Elisa Giuliani, University of Pisa
- Elvira Uyarra, The University of Manchester

2009

Diploma de Estudios Avanzados (DEA) (BAC + 7)

*Department of Social Anthropology / University Complutense of Madrid*

Research subject: Organization of professional profiles diversity in molecular biology research teams.

2006

Licenciatura en Sociología (BAC+5)

*Faculty of Political Sciences and Sociology / University Complutense of Madrid*

## PUBLICATIONS

Villena-Oliver, A., Aldeguer, B., Lucena-Piquero, D. (2022). "Invisible Rulers: The 'Latent Power Structure' in Two Spanish Governments (2004 and 2012)". *Government & Opposition*, DOI: <https://doi.org/10.1017/gov.2022.29>, First View ([Link](#))

Accominotti, O., Lucena-Piquero, D., Ugolini, S. (2021). "The Origination and Distribution of Money Market Instruments: Sterling Bills of Exchange during the First Globalisation". *Economic History Review*, 74(4), 892-921.

Accominotti, O., Lucena-Piquero, D., Ugolini, S. (2020). "Robust Money Markets: Lessons from the First Globalisation". *VoxEU*, 23 April ([Link](#))

Lucena-Piquero, D. and Vicente, J. (2019). "The visible hand of cluster policy makers: An analysis of Aerospace Valley (2006-2015) using a place-based network methodology". *Research Policy*, 48(3), 830-842.

Autant-Bernard, C. (Ed.) (2018), "Impacts Économiques et Territoriaux des Pôles de Compétitivité selon les Territoires" (Rapport final – 30 novembre 2018). *France Stratégie* ([Link](#))

## Delio Lucena

LEREPS – Manufacture des Tabacs, 21 allée de Brienne 31042 Toulouse Cedex \* delio.lucena[at]ut-capitole.fr \* [GoogleScholar](#) \* [ORCID](#)

Cendón, M.L., Sanz-Cañada, J., Lucena-Piquero, D. (2017) "**Redes de innovación y colaboración en el Sistema Agroalimentario Localizado de aceite de oliva de Sierra Mágina (Andalucía, España)**" In *Gobernanza territorial y Sistemas Agroalimentarios Localizados en la nueva ruralidad*, edited by del Valle Rivera, M.C. and Tolentino Martínez, J.M., pp. 38-46. Mexico: Red de Sistemas Agroalimentarios Localizados (Red Sial-México) ([Link](#))

Cendón, M.L., Sanz-Cañada, J., Lucena-Piquero, D. (2014) "**Differential Quality and Technical / Managerial Advice Relationships in Olive Oil Protected Designations of Origin**" *Spanish Journal of Agricultural Research*. Vol 12 (4) p. 869-888 ([Link](#))

Lucena-Piquero, D. (2014): "**Places: Nueva herramienta para el cálculo de lugares y redes de lugares**" *REDES, Revista hispana para el análisis de redes sociales*. Vol 25 (1) p. 190-200 ([Link](#))

Hosnedlová, R. and Lucena-Piquero, D. (2007): "**Regularizace nelegální migrace ve Španělsku (Vývoj, dopad a ohlas ze strany Evropské Unie)**" [Regularization of illegal migration in Spain (Evolution, impact and response from the European Union)] *Migraceonline.cz*, Multikulturní Centrum Praha. Czech Republic. ([Link](#))

### SCIENTIFIC EVENTS\*

**Substituabilité des banques et résilience des réseaux financiers: aperçu de la première mondialisation.** Delio Lucena, Olivier Accominotti and Stefano Ugolini

6<sup>e</sup> rencontre Res-Hist, October 21-22<sup>th</sup> 2021. Aix-en-Provence (France)

**Réseaux d'affiliation et méthodologie des places: Présentation du Package R: « Places: Structural Equivalence Analysis for Two-mode Networks ».** Delio Lucena

6<sup>e</sup> rencontre Res-Hist, October 21-22<sup>th</sup> 2021. Aix-en-Provence (France)

**Capturando "animales fantásticos": meso análisis de las estructuras de roles interdependientes.** Delio Lucena

Coloquios de REDES, October 5<sup>th</sup> 2021. Online.

**Do R&D diversification policies change the cognitive structure of knowledge networks? Evidence from France using a meso-structural approach.** Delio Lucena

5<sup>th</sup> European Conference on Social Networks – EUSN 2021, September 6-10<sup>th</sup> 2021. Naples (Italy) Online.

**Bank substitutability and financial network resilience: insights from the first globalization.** Delio Lucena, Olivier Accominotti and Stefano Ugolini

5<sup>th</sup> European Conference on Social Networks – EUSN 2021, September 6-10<sup>th</sup> 2021. Naples (Italy) Online.

**Substituabilité des banques et résilience des réseaux financiers: aperçus de la Première Mondialisation.** Delio Lucena, Olivier Accominotti and Stefano Ugolini

9<sup>ème</sup> Congrès de l'Association Française de Sociologie, July 6-9<sup>th</sup> 2021. Lille (France) Online.

**Do R&D diversification policies change the cognitive structure of knowledge networks? Evidence from France using a meso-structural approach.** Delio Lucena-Piquero

Networks 2021: A joint Sunbelt and NetSci Conference, July 5-10<sup>th</sup> 2021. Online.

\* Selected : Only those where I was the speaker.

## Delio Lucena

LEREPS – Manufacture des Tabacs, 21 allée de Brienne 31042 Toulouse Cedex \* [delio.lucena\[at\]ut-capitole.fr](mailto:delio.lucena[at]ut-capitole.fr) \* [GoogleScholar](#) \* [ORCID](#)

**Bank substitutability and financial network resilience: insights from the first globalization.** Delio Lucena, Olivier Accominotti and Stefano Ugolini

Networks 2021: A joint Sunbelt and NetSci Conference, July 5-10<sup>th</sup> 2021. Online.

« **Les animaux fantastiques** »: **appréhender l'intermédiation économique par l'analyse de réseaux.** Delio Lucena-Piquero, Stefano Ugolini et Jérôme Vicente

Labex SMS – Journée Mondes économiques, June 9<sup>th</sup> 2021. Toulouse (France)

**Do R&D diversification policies change the cognitive structure of knowledge networks? Evidence from France using a meso-structural approach.** Delio Lucena

Coloquios de REDES, February 2<sup>nd</sup> 2021. Online.

**Measuring Systemicness in the International Financial Network During the First Globalization.** Delio Lucena, Olivier Accominotti and Stefano Ugolini

4<sup>th</sup> European Conference on Social Networks – EUSN 2019, September 9-12<sup>th</sup> 2019. Zurich (Switzerland)

**The *visible hand* of cluster policy makers: An analysis of Aerospace Valley (2006-2015) using a place-based network methodology.** Delio Lucena and Jérôme Vicente

XXXVIII Sunbelt Conference, June 26<sup>th</sup> – July 1<sup>st</sup> 2018. Utrecht (The Netherlands)

**The *visible hand* of cluster policy makers: An analysis of Aerospace Valley (2006-2015) using a place-based network methodology.** Delio Lucena and Jérôme Vicente

4<sup>th</sup> Geography of Innovation Conference (GEOINNO2018), January 31<sup>th</sup> – February 2<sup>nd</sup> 2018. Barcelona (Spain)

**The *visible hand* of cluster policy makers: An analysis of Aerospace Valley (2006-2015) using a place-based network methodology.** Delio Lucena and Jérôme Vicente

RSA Annual Conference 2017, June 4-7<sup>th</sup> 2017. Dublin (Ireland)

**Une analyse de réseau du système financier international pendant la 1<sup>ère</sup> mondialisation.** Delio Lucena, Stefano Ugolini and Olivier Accominotti

Séminaire "Savoirs, Réseaux, Médiations", April 21<sup>th</sup> 2017. Toulouse (France)

**How collaborative incentives in cluster policies influence the structural role of SMEs in regional innovation systems: A network-based analysis of Aerospace Valley in Toulouse - France (2005-2015).** Delio Lucena and Jérôme Vicente

2nd Abbé Grégoire Innovation Day, March 28<sup>th</sup> 2017. Paris (France)

**How cluster policies influence the structural organization of knowledge networks in regional innovation systems: the case of Aerospace Valley in Toulouse (2005-2015) .** Delio Lucena and Jérôme Vicente

What's new in the economics of innovation? Theory, empirics and public policy, December 1-2<sup>nd</sup> 2016. Grenoble (France)

**How cluster policies influence the structural organization of knowledge networks in regional innovation systems: the case of Aerospace Valley in Toulouse (2005-2015).** Delio Lucena and Jérôme Vicente

11th Regional Innovation Policies Conference, November 3-4<sup>th</sup> 2016. Cardiff (Wales UK)

## Delio Lucena

LEREPS – Manufacture des Tabacs, 21 allée de Brienne 31042 Toulouse Cedex \* [delio.lucena\[at\]ut-capitole.fr](mailto:delio.lucena[at]ut-capitole.fr) \* [GoogleScholar](#) \* [ORCID](#)

**A Network Analysis of the International Financial System During the First Globalization.** Stefano Ugolini; Olivier Accominotti and Delio Lucena

Journée d'études "Réseaux et finance dans le long terme", June 30<sup>th</sup> 2016. Toulouse (France)

**Analyzing political power with structural equivalence and networks of places: The study of French elites belonging to a Socialist government during 1981-2012.** Nathalie Del Vecchio, Johanna Edelbloude and Delio Lucena.

Séminaires du LEREPS, February 27<sup>th</sup> 2015. Toulouse (France)

**Innovation en réseau dans la Région de Midi-Pyrénées: Le pouvoir des laboratoires et des PME dans les projets collaboratifs sectoriels.** Delio Lucena, Laurent Lacheney and Marie-Pierre Bès

X<sup>ème</sup> journée d'étude ReSTo (Réseaux Sociaux à Toulouse). November 15<sup>th</sup> 2013. Toulouse (France)

**Cartographie des ressources web liées aux tests génétiques en accès libre sur Internet.** Jaime Jiménez Pernet and Delio Lucena Piquero.

2<sup>ème</sup> atelier du projet TeGALSI: "Tests génétiques en accès libre sur Internet: ressorts, développements et conséquences d'une offre en émergence". June 30<sup>th</sup> 2011. Toulouse (France)

Round table "**Redes Sociales y Desarrollo Local: El caso de Logrosán**"

International course of the University of Extremadura "Desarrollo Local Sostenible y Participación Ciudadana", July 6<sup>th</sup> 2005. Los Santos de Maimona (Spain).

**International PhD course on Economic Geography – Geography of innovation, networks and transitions**

September 10-14<sup>th</sup> & October 29<sup>th</sup> – November 2<sup>nd</sup> 2018, Utrecht (The Netherlands)

**KID PhD Summer School - Knowledge Dynamics, Industry Evolution, Economic Development**

July 10-16<sup>th</sup> 2016. Nice (France)

### SCIENTIFIC SOFTWARE

Delio Lucena, (2017-2021): **Places: Structural Equivalence Analysis for Two-mode Networks** R package v0.2.3 ([Link](#))

### RESPONSIBILITIES

2021 – ... Bureau member of the RT26 - Réseaux Sociaux **Association française de sociologie (AFS)**

2018 – 2020 Laboratory board member **LEREPS**

2017 – 2019 Doctoral school board deputy member **TESC doctoral school**

## Delio Lucena

LEREPS – Manufacture des Tabacs, 21 allée de Brienne 31042 Toulouse Cedex \* [delio.lucena\[at\]ut-capitole.fr](mailto:delio.lucena[at]ut-capitole.fr) \* [GoogleScholar](#) \* [ORCID](#)

2016 – 2020      Secretary of research seminars **LEREPS**

### OTHER RESEARCH ACTIVITIES

2022      Reviewer **Revista Hispana para el Análisis de Redes Sociales (REDES)**

2021      Reviewer **Analyses of Social Issues and Public Policy (ASAP)**

### PROFESSIONAL EXPERIENCE

Since September 2022      Maitre de conférences (Associate professor): **Sciences Po Toulouse ([SciencesPo](#)) / Laboratoire d'Étude et de Recherche sur l'Économie, les Politiques et les Systèmes Sociaux ([LEREPS](#))** (France)

April 2021 – April 2022      Postdoc Fellow Chaire UNESCO Bernard Maris: **Sciences Po Toulouse ([SciencesPo](#)) / Laboratoire d'Étude et de Recherche sur l'Économie, les Politiques et les Systèmes Sociaux ([LEREPS](#))** (France)

2015 – 2020      PhD fellow: **University of Toulouse I – Capitole ([UT1](#)) / LEREPS**

September 2018 – August 2020: ATER **Sciences Po Toulouse**

Teaching: "Économie Publique" CdM L2

Teaching: "Atelier de lecture et de méthodologie en économie " CdM L1

October 2015 – September 2018: CDU grant **University of Toulouse I – Capitole**

Teaching: Supervising research assignments. Online course "Acción pública local y gobierno territorial"

Teaching: "Méthodes d'analyse mathématique" TD L2 AES

January – June 2015      Part-time teacher: **Institut Supérieur de l'Aéronautique et de l'Espace ([ISAE](#))** (France)

Teaching: "Gestion des ressources humaines et des connaissances"

Teaching: "Sociologie de l'innovation"

March – June 2014      Research Engineer: **ISAE (France)**

Project "Étude des réseaux d'innovation. Une étude comparative des publications". Comparative study of the collaborative innovation networks of three major aeronautics industrial corporations.

April – June 2013      Freelance Researcher (France)

Clients and academic works:

• **Midi-Pyrénées Innovation ([MPI](#))** (France): Project "Étude des réseaux". Social network analysis of sectoral collaborative projects in the region Midi-Pyrénées.

• **Escuela Andaluza de Salud Pública ([EASP](#))** (Spain): Online course teaching. "Introducción al Análisis de Redes Sociales en las Organizaciones Socio-sanitarias".

October 2012 – March 2013      Research Assistant: **University of Toulouse II – Le Mirail (Actually [UT2J](#))**

Project ANR "[RESOCIT](#)": Citations scientifiques et réseaux sociaux". Fieldwork in the study of researchers' collaborative dynamics.

## Delio Lucena

LEREPS – Manufacture des Tabacs, 21 allée de Brienne 31042 Toulouse Cedex \* [delio.lucena\[at\]ut-capitole.fr](mailto:delio.lucena[at]ut-capitole.fr) \* [GoogleScholar](#) \* [ORCID](#)

**February 2011 – May 2012**     Freelance Researcher (*Spain*)

Clients and academic works:

- **Institute of Economic, Geography and Demography (IEGD-CSIC)** (*Spain*): Project about managers' advice networks and key-players of Local Agrifood Systems // Social Network Analysis introduction course for researchers.
- **Institute of Language, Literature and Anthropology (ILLA-CSIC)** (*Spain*): Quantitative analysis of reading habits survey.
- **Centre d'Etude et de Recherche Travail Organisation Pouvoir (CERTOP-CNRS)** (*France*): Team leader of the survey in Spain (N = 400) for the [FRISBEE](#) project.
- **EASP** (*Spain*): Hyperlink network analysis for the [TeGALSI](#) project.

**October 2008 – June 2010**     Grant JAE-Predoc: Institute of Public Goods and Politics (IPP-CSIC) (*Spain*)

Diploma de Estudios Avanzados (DEA) // Participation in several projects about Public Research Organizations policies.

**March – September 2008**     Research Assistant: Institute of Public Goods and Politics (IPP-CSIC) (*Spain*)

Quantitative and qualitative analysis of interviews; social network analysis; research reports.

**January 2007 – January 2008**     Technician: Center of Automatic Text Analysis (CAIT-UCM) (*Spain*)

Starting up the center (design of analysis protocols, selection of software, website creation, etc.). Textual analysis on demand of university researchers.

**January 2004 – July 2005**     Project collaborator: University Complutense of Madrid – University of Extremadura (UEX) (*Spain*)

Project: "Redes Sociales e "Intangibles" en el Desarrollo Rural. Iniciativa Empresarial, Formación y Desarrollo Sostenible en Extremadura". Participatory research methods, social network analysis and discourse analysis.

### LANGUAGES

**Spanish:** Good

**French:** Good

**English:** Intermediate

**Czech:** Notions

### OTHER SKILLS & MERITS

Experience and skills in negotiation and conflict mediation (viz. Happy married and father of two)