Juste Raimbault

13 rue du Four
75006 Paris, France
☏ *+33648136295*
✉ *juste.raimbault@polytechnique.edu*
ORCID : 0000-0003-0768-9480

Positions

March 2018- **Post-doctoral Researcher**, *Complex Systems Institute - UPS CNRS 3611 ISC-PIF*, Paris, France.

Selected publications

Raimbault, J. (2018). Calibration of a density-based model of urban morphogenesis. *PloS one, 13(9)*, *e0203516*.

Raimbault, J. (2018). Indirect evidence of network effects in a system of cities. Environment and Planning B: Urban Analytics and City Science, 2399808318774335.

Bergeaud, A., Potiron, Y., & Raimbault, J. (2017). Classifying patents based on their semantic content. *PloS one, 12*(4), e0176310.

Raimbault, J. (2018). Models for the co-evolution of cities and networks, *forthcoming in Handbook on Cities and Networks, Rozenblat C., Neal Z., eds.* arXiv preprint arXiv:1804.09430

Raimbault, J. (2017). An applied knowledge framework to study complex systems, *Complex Systems Design & Management* (pp.31-45). arXiv:1706.09244

Raimbault, J. (2017). A Discrepancy-Based Framework to Compare Robustness Between Multi-attribute Evaluations. In *Complex Systems Design & Management* (pp. 141-154), Springer.

Raimbault, J. (2017). Investigating the empirical existence of static user equilibrium. *Transportation Research Procedia*, 22, 450-458.

Raimbault, J. (2014). User-Based Solutions for Increasing Level of Service in Bike-Sharing Transportation Systems. In *Complex Systems Design & Management* (pp. 31-44), Springer. **Best Student Paper Award at CSDM 2014.**

Education

2015–2018 **PhD in Geography**, *Géographie-cités (UMR 8504 CNRS) / LVMT (UMR-T 9403 IFSTTAR)*.
Characterizing and Modeling the Co-evolution of Transportation Networks and Territories

June 2016 **SFI Complex Systems Summer School**, *Santa Fe Institute*, Santa Fe, USA.

2012–2014 **MSc Complex Systems Science**, *Ecole Polytechnique ParisTech*, Palaiseau, France.

2013–2014 **MSc Urbanism, Environment, Transportation**, *Ecole Nationale des Ponts et Chaussées ParisTech*, Marne-la-Vallée, France.

Teaching

March 2018 **Seminar big data in transportation studies**, *Ecole des Ponts et Chaussées*, Champs-sur-Marne.

Spring 2017 **Teaching Assistant**, *Université Paris 7*, Paris, France.
Teaching Assistant: *Statistics and Cartography*, *Spatial Analysis* and *Professionalization for Geographers*.

Feb. 2016 **Seminar Geography and Big Data**, *Université Paris 1 Sorbonne*, Paris, France.

Fall 2015 **Teaching Assistant**, *Université Paris 7*, Paris, France.
Teaching Assistant: *Introduction to Geography* and *Introduction to GIS*.

Scientific Activity

Sept. 2018 CCS 2018. Satellite organisation: *New methods and epistemologies to explore simulation models*

Sept. 2017 ECTQG 2017. Session organisation: *Bridges between Economics and Geography*

Languages

French, *Native*

German, *Fluent, European Baccalaureate*

English, *Fluent*

Mandarin, *Notions, level HSK3*