

# ÉLYSÉE ARISTIDE HOUNDETOUNGAN

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## GENERAL INFORMATION

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Current Position	Tenure track Assistant Professor of Economics at Thema, CY Cergy Paris Université
Fields	Econometrics, Social Networks, and Applied Microeconomics
Affiliation	Thema & CY Cergy Paris Université
It Abilities	R, C++, Stata, Julia, sql, Python, SAS, VBA, Latex, Matlab, Linux
Languages	French (Native), English (Very Good)

## EMPLOYMENT

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- **Tenure track Assistant Professor of Economics** 2021-Now  
*Thema, CY Cergy Paris Université* Cergy, France

## EDUCATION

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- **Ph.D.** in Economics (*with honor, excellent rating unanimously by the jury*) 2016-2021  
*Université Laval* Quebec, Canada  
Dissertation: “Essays on Social Networks and Time Series with Structural Breaks”  
GPA: 4.32/4.33
- **Engineering Degree** in Statistics and Economics (*Distinction: ranked 1st out of 27*) 2013-2016  
*National School of Statistics and Economic Analysis (ENSAE)* Dakar, Senegal
- **B.Sc** in Statistics 2010-2013  
*University of Benin* Cotonou, Benin

## ACCEPTED AND PUBLISHED PAPERS

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- Dufays, A., Houndetoungan, E. A., & Coën, A. (2022). Selective linear segmentation for detecting relevant parameter changes. *Journal of Financial Econometrics*, 20(4), 762-805.

## WORKING PAPERS

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- Count Data Models with Social Interactions under Rational Expectations.
- Estimating Peer Effects using Partial Network Data (*with Vincent Boucher*).

## WORK IN PROGRESS

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- Healthcare Quality by Specialists under a Mixed Compensation System: an Empirical Analysis, (*with Damien Echevin and Bernard Fortin*)
- Identifying peer effects on academic achievement through students’ effort (*with Cristelle Kouame*)
- Asymptotic Efficiency for Two-Stage Conditional M-estimators (*with Abdoul Haki Maoude*)
- Quasi-Maximum Likelihood Estimator for Peer Effect Models with Partial Network Data

- Physicians' Financial Incentives (*with Damien Echevin*)

## NON-ACADEMIC EXPERIENCE

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- Consultant, World Bank, Education Global Practice, Washington DC, USA 2020 - 2021
- Research Assistant, Université Laval, Economics Department, Canada 2019 - 2021
- Research Assistant, Université Laval, Finance Department, Canada Sep-Dec 2019
- Teaching assistant (Econometrics, Graduate students), Université Laval, Canada Sep-Dec 2017
- Internship, West Africa States Central Bank (BCEAO), Benin Jul-Oct 2015
- Internship, Directorate-General for Economic Affairs (DGAE), Benin Jun-Sep 2013

## FELLOWSHIPS AND AWARDS

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- Honor Roll of the Faculty of Graduate and Postdoctoral Studies 2021
- World Bank Group Fellowship, Africa Region 2020
- Scholarship of *Fonds de Recherche du Québec - Société et culture* 2018-2021
- Tadek Matuszewski Fellowship, Department of Economics, Université Laval 2016-2017
- Scholarship of excellence for B.Sc, Université d'Abomey Calavi, Benin 2010-2013

## INVITED TALKS, CONFERENCES, WORKSHOPS

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- 2023: AMSE (Marseille, France); *Congrès de la Société Canadienne de Sciences Économique* (Quebec, Canada)
- 2022: Computational and Financial Econometrics (London, England)
- 2021: (\* = remotely due to Covid-19) AMSE (Marseille, France); GAEL (Grenoble, France); *Journée Big Data, Médias et Politique Monétaire* (Paris, France); North American Summer Meeting of the Econometric Society (Montreal, Canada\*); Annual Conference of the Canadian Economics Association (Vancouver, Canada\*); Africa Meeting of the Econometric Society (Abidjan, Côte d'Ivoire\*); CY Cergy Paris Université (Cergy, France\*).
- 2020: (all remotely due to Covid-19) Applied Young Economist Webinar (Melbourne, Australia); World Bank (Washington DC, USA).
- 2019: Annual Conference of the Canadian Economics Association (Banff, Canada); R conference at Quebec (Quebec, Canada); *Congrès de la Société Canadienne de Sciences Économique* (Quebec, Canada); CRED workshop (Namur, Belgium); 8th PhD Student Conference in International Macroeconomics and Financial Econometrics (Nanterre, France).
- 2017: Day-Conference for Statistical Analysis Software (SAS) Users (Quebec, Canada).

## SOFTWARE

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- [CDatanet](#) — An R package for estimating Network Models with Count Data
- [PartialNetwork](#) — An R package for estimating Peer Effects Using Partial Network Data (*with Vincent Boucher*)

## REFeree ACTIVITIES

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Journal of Human Resources, Journal of Economic Behavior and Organization, Regional Science and Urban Economics, International Journal of Management and Network Economics.

## TEACHING

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- Econometrics of Panel Data and Instrumental Variables, Graduate, Cy Cergy Paris Université, Since 2021
- Microeconomics II, Undergraduate, Cy Cergy Paris Université, Since 2022
- Econometrics (TA), Graduate, Université Laval, Fall 2017