

SUMMARY

I am a postdoctoral research fellow at the African Institute of Financial Markets and Risk Management (AIFMRM), University of Cape Town. I have been based at AIFMRM since September 2016.

I completed my PhD in Economics in June 2015 at the School of Business and Economics (UNU-MERIT), Maastricht University. Before that, I studied a BSc. in Mathematics and Physical, and an MSc. in Astronomy.

My primary research interests are in:

- Game theory – applied to understanding strategic behaviour of firms, consumers and politicians in competitive settings, and the respective policy implications for achieving optimal behaviour.
- Social network analysis – here, I study the structures of online social networks (e.g. Facebook, twitter, etc.) and how they can be optimally used as a medium of information exchange (e.g. fake news and opinions), and the diffusion of products and behaviour. I also study other forms of social and economic networks (e.g. Research and Development networks, collaboration networks in academia, citation networks, etc.). I examine how collaboration and information sharing in such networks impacts production costs and productivity.

POSITIONS HELD

- **AIFMRM, University of Cape Town** Cape Town, SA
Post Doctoral Research Fellow Sep. 2016 –
- **Maastricht University (School of Business and Economics—SBE)** Maastricht, NL
Lecturer Aug. 2014 – July 2016

EDUCATION

- **UNU-MERIT/SBE, Maastricht University** Maastricht, NL
PhD in Economics - Thesis Title: The evolution of beliefs and strategic behaviour Sept. 2010 – June 2015
- **UNU-MERIT, Maastricht University** Maastricht, NL
Postgraduate Coursework on Innovation and Technical Change Sept. 2009 – July 2010
- **University of Cape Town** Cape Town, SA
Hon. & MSc. Astronomy Jan. 2007 – July 2009
- **Mbarara University of Science and Technology** Mbarara, Uganda
BSc. (Mathematics and Physics) with Education Sept. 2003 – July 2006

FIELDS

- **Microeconomics - Theory**
Game theory and models of social learning
- **Microeconomics - Empirical**
Social network analysis and economics of science

RESEARCH

- **Papers under Revise and Resubmit**
 - *On the relationship between p -dominance and stochastic stability in networks.* International Journal of Game Theory [Theory paper]
- **Papers under Review in journals**
 - *Strategic diffusion in networks through contagion* (joint with Théophile T. Azomahoua) [Theory paper]

- *How central agents affect group behaviour and the speed of learning* [Theory paper]
- *Prejudice, group cohesion and the dynamics of disagreement* [Theory paper]
- *Discussants* (joint with Co-Pierre Georg and Michael E. Rose) [Empirical paper]

• Working Papers

- *Costly word-of-mouth learning in networks* (joint with Théophile T. Azomahoua) [Theory paper]
- *Informal intellectual collaboration with central colleagues* (joint with Co-Pierre Georg and Michael E. Rose) [Empirical paper]

• Work in Progress

- *The Persistence of corruption* (joint with Davina Osei) [Empirical/Theory paper]
- *The rate of scientific progress and the structure of the scientific communities* (joint with Michael E. Rose) [Theory/Empirical paper]
- *Local interactions and long-run stability in evolutionary models* [Theory paper]
- *Information percolation in exit games* [Theory paper]

TEACHING EXPERIENCE

- **AIFMRM, University of Cape Town** Cape Town, SA
Tutor 2018
 - *Market Risk*: Market instruments and measurement of their associated risk (Master course)
- **School of Business and Economics, Maastricht University** Maastricht, NL
Instructor 2014 – 2016
 - *Globalization debate*: How globalization has shaped international trade and economic growth
 - *Macroeconomics*: First year undergraduate course
- **School of Business and Economics, Maastricht University** Maastricht, NL
Teaching Assistant 2014 – 2016
 - *Microeconomics*: First and second year courses
 - *International Economics & European Markets*: Second year course
- **Eden International School** Mbarara, Uganda
High School Teacher 2006
 - *Mathematics and Physics*: Ordinary and Advanced Levels

PROFESSIONAL ACTIVITIES

• Conference Presentations

- *The Africa Meeting of the Econometric Society*: Rabat, Morocco, upcoming, 11-13 July 2019
- *5th European Meeting on Game Theory (SING15)*: Turku, Finland, upcoming, 2-4 July 2019
- *Royal Economic Society Conference*: University of Warwick, April 2019
- *Asian Meeting of the Econometric Society*: Sogang University, Seoul, Korea, June. 2018 (Paper accepted but I could not participate in the conference)
- *Royal Economic Society Conference*: University of Sussex, U.K., March 2016
- *Royal Economic Society Postgraduate Presentation Meetings and Job Market*: Westminster Business School, 2016
- *World Congress of the Econometric Society*: Montréal Canada, Aug. 2015
- *UNU-MERIT and MGSoG conference*: Maastricht NL, Nov. 2014
- *China Meeting of the Econometric Society*: Xiamen, China, June 2014
- *Royal Economic Society Postgraduate Presentation Meetings and Job Market*: London U.K., January 2014
- *The 25th International Conference on Game Theory*: Stony Brook University, New York, July 2014
- *10th Workshop on Networks in Economics and Sociology*: Utrecht School of Economics, Nov. 2011

• Seminar Presentations

- *School of Economics*: University of Cape Town, 05 Nov. 2018
- *Centre for Competition Law and Economics*: Stellenbosch University, 25 Oct. 2018
- *AIFMRM Seminars*: University of Cape Town, SA, May & Oct. 2018

- *The Research Unit in Behavioural Economics and Neuroeconomics*: University of Cape Town, July 2017
- *Department of Economics*: Stellenbosch University, 07 Aug. 2017
- *School of Economics*: University of Cape Town, June 2017
- *Department of Economics Seminars*: University of Pretoria, April 2017
- *Aix-Marseille School of Economics - GREQAMs*: Marseille, Feb. 2016
- *Centre d'Economie de La Sorbonne and Paris School of Economics*: University of Paris 1, Mar. 2013
- *Université de Cergy Pontoise THEMA séminaires*: Cergy-Pontoise, Feb. 2013
- *Cournot séminaires at Bureau d'Economie Théorique et Appliquée (BETA) Strasbourg*: Strasbourg, Jan. 2013
- *Maastricht Lecture Series in Economics*: Maastricht, Nov. 2012

• Refereeing Activities

- *Journal of Economic Behaviour & Organization, International Journal of Game Theory*

• Member of:

- *Southern African Market Research Association (professional body), American Economic Association, Econometric Society, Royal Economic Society*

AWARDS

• Funding awards

- *URC Postdoctoral Fellowship*: University of Cape Town, Jan. 2017 – Dec. 2018
- *Econometric Society World Congress travel grant*: Aug. 2015
- *UNU Ph.D fellowship*: Maastricht University, Sept. 2009 – July 2014
- *The South African Square Kilometre Array (SKA) fellowship*: University of Cape Town, Jan. 2008 – Aug. 2009
- *The National Astrophysics and Space Science Programme (NASSP) fellowship*: University of Cape Town, Jan. 2007 – Dec. 2008
- *Government Merit Scholarship*: Mabrara University, Aug. 2003 – June 2006

PROGRAMMING SKILLS

- **Languages**: Python, Matlab, Mathematica, R

REFERENCES

- **PhD Advisor**: Prof. Theophile Azomahou
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- **Postdoc PI**: Prof. Co-Pierre Georg
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- **PhD Instructor & Dean of Students**: Prof. Robin Cowan
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