

Zhengyuan (Cooper) Gao

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Homepage for academia: <https://zhengyuan-gao.github.io/>
Homepage for arts: <https://spectragallery.github.io/cooper.html>

Current Role & Activity

Sept 2019 - Now, Freelance writer: historical and philosophical satires, manuscripts for social science

Jul 2022- Now, Freelance artist: painting, on-line gallery

Prior Positions

Assistant Professor, Université catholique de Louvain, Oct 2014 - Aug 2019.

Associate Professor, Southwestern University of Finance and Economics, Sept 2012 - Sept 2014.

Visiting Assistant Professor, The University of Iowa, Jan 2013 - Jun 2014.

Rubicon "Post-doctoral" Scholar visiting Cowles Foundation, Yale University, Sept 2010 - Jun 2011.

Education

Ph.D. in Econometrics, University of Amsterdam & Tinbergen Institute, 2012.

M.Sc. in Economics and Econometrics, University of Southampton, 2005.

B.Sc. in Mathematics, Xi'an Jiaotong University, 2004.

Current Thoughts

1. A New Form of Time Hegemony: Some Thoughts about AI Advancement in the Varieties of Capitalism (download)
2. An Imaginary Realistic Market (download)
<http://hdl.handle.net/2078.1/198744>
3. Uncertainty in Economic Growth and Inequality (download)
<https://arxiv.org/abs/1705.07234>

Academic Publication:

1. Looking Backward and Looking Forward, *Econometrics*, 7(2), 27, 2019
<https://www.mdpi.com/2225-1146/7/2/27>

Other Publications

Modern Renaissance Magazine, 2023, summer issue (Front and Back cover)

[https:// www.culturallyarts.com/modernrenaissance](https://www.culturallyarts.com/modernrenaissance)

Dictionary of Ecological Economics: Terms for the New Millennium edited by Brent M. Haddad and Barry D. Solomon, Edward Elgar Press, 2023

<https://www.e-elgar.com/shop/gbp/dictionary-of-ecological-economics-9781788974905.html>

Culchemy's Conclaves: An Encyclopaedic Dossier about the Intestinal Adventure, 2023

<https://www.amazon.com/dp/B0BYRTKTPW/>

Noodlarianism: A Trilogy of Short Noodlarian Stories, 2021

<https://www.amazon.com/dp/B0BYRPR54M/>

Current Teaching Interests

Quantitative courses in socio-economic-finance.

Math oriented course(s) in applied probability, complex system, time series, and stochastic process.

Interdisciplinary and synergetic topics in economics, mathematics, social and political science.

I constructed a comprehensive pedagogic framework for categorising quantitative relations in socio-economics:

<https://zhengyuan-gao.github.io/project-XXII/>

Previous Teaching Experiences

Université catholique de Louvain: Research Seminar in Econometrics, M.Sc level, 2015-2018 spring, Advanced Econometrics II, M.Sc level, 2015-2019 spring, Applied Time Series, M.Sc level, 2014-2018 fall, Partial Differential Equations in Economics, Ph.D level, 2017

Iowa: Microeconomic Theory, B.Sc level, 2014 spring, Economics Analysis, Ph.D core course, 2013 fall, Applied Econometrics, Ph.D core course, 2013 spring, Introduction to Econometrics, B.Sc level, 2013 spring.

SWUFE: Mathematical Economics, Ph.D core course, 2012 fall, Advanced Econometrics, B.Sc level, 2012 fall, Mathematics Analysis, B.Sc level, 2012 fall.

Old selective teaching materials can be found in my website.

Conference Presentations

2017: Econometric Study Group (Bristol) 2016: RCEA Bayesian Econometrics Workshop (Rimini). 2015: North American Econometric Society Winter Meeting (Philadelphia). 2014: World Congress of the Econometric Society (Montreal); Society for the Advancement of Economic Theory (Tokoyo). 2013: Far Eastern

and South Asia Meeting of the Econometric Society (Singapore). 2010: World Congress of the Econometric Society (Shanghai); Netherlands Econometric Study Group (Leuven); North American Econometric Society Winter Meeting (Atlanta). 2009: European Meeting of the Econometric Society (Barcelona); International Conference in Computational Economics and Finance (Sydney). 2008: European Meeting of the Econometric Society (Milan); Far Eastern and South Asia Meeting of the Econometric Society (Singapore). 2006: Netherlands Econometric Study Group (Maastricht).

Invited Seminars

2014: CORE, Louvain; ISBA, Louvain; ECARES, Brussels. 2012: SWUFE; Shanghai Jiaotong University. 2011: University of Amsterdam. 2010: Cowles Foundation, Yale; University of Warwick; Toulouse School of Economics.

Referee and Editorial Service

Economic Theory, Journal of Economics and Business Statistics, Journal of Econometrics, Statistica Sinica, Studies in Nonlinear Dynamics & Econometrics

Guest editor at the special issue *filtering in Econometrics*. (withdraw ahead of schedule due to no more interest)

Administration Service

Ph.D committee member (1), Master committee member (>10), Master supervision (4)

Post-doctoral and faculty member recruitment (2015, 2016)

Seminar organizer (CORE-Econometrics, 2014-2016)

Grants

Rubicon Scholarship (NWO, Netherlands), amount: EUR 90,000, time: 2010-2012.

Many travel grants in 2008-2017. (Stop academic traveling since 2017 due to insufficient interests)

References

Prof. Peter Boswijk

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Prof. Pierre Dehez

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Prof. Li Gan

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