



MEMBRE DU COS DE L'OST

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Gaétan de Rassenfosse is Assistant Professor in Science & Technology Policy and holder of the Chair of Innovation and Intellectual Property Policy at EPFL (Lausanne, Switzerland). He joined the College of Management of Technology at EPFL in late 2014. Prior to that, he was a research fellow then a senior research fellow at the University of Melbourne (Australia) from 2010 to 2014. He obtained a PhD in Economics from the Université libre de Bruxelles (Belgium), Solvay Brussels School of Economics and Management in 2010. He was a visiting scholar at UC Berkeley (California, USA) in winter of 2018 and MIT (Massachusetts, USA) in summer of 2019.

The overarching objective of his research is to provide the policy environment that best addresses the needs of the knowledge economy. This objective is met by providing sound empirical evidence on research questions related, e.g., to intellectual property issues, to the measurement of intangible capital, and to 'science of science' to name but a few topics of interest. His work appeared in international peer-reviewed scientific journals such as Journal of Industrial Economics, Journal of Law & Economics, Strategic Entrepreneurship Journal, Journal of Economics & Management Strategy, Research Policy and European Economic Review. He received more than \$2.25 million research funding as a principal investigator from a variety of institutions, including the U.S. NSF.

Regarding engagement activities, he was in charge of a report on the 'Patent Box' regime as part of Australia's Prime Minister election promise to explore this policy tool. He has also done contract research for agencies and organizations such as the State Secretariat for Education, Research and Innovation (SERI) of the Swiss Confederation, the Australian Department of Industry, the Victorian Department of Treasury and Finance, the Australian patent office, the World Intellectual Property Organization, and the Novo Nordisk Foundation.

Autres responsabilités exercées

2014–present: Tenure Track Assistant Professor College of Management of Technology (ITPP). Ecole polytechnique fédérale de Lausanne, Switzerland

2019: Visiting Scholar at MIT, USA

2016–2019: Research Economist at the National Bureau of Economic Research (NBER), USA

2018: Visiting Scholar at UC Berkeley, USA

2010–2014: Research Fellow then Senior Research Fellow. Faculty of Business and Economics (MIAESR) University of Melbourne, Australia

2006–2010: FNRS Research Fellow – PhD candidate. Université libre de Bruxelles, Belgium

Principales publications

de Rassenfosse G., Griffiths W., Jaffe A. and Webster E. (2020) Low-quality patents in the eye of the beholder: Evidence from multiple examiners. *Journal of Law, Economics, & Organization*, **forthcoming**.

de Rassenfosse G. and Raiteri E. (2020) Technology Protectionism and the Patent System: Strategic Technologies in China. *Journal of Industrial Economics*, **forthcoming**

Abi Younes G., Ayoubi C., Ballester O. et al. (2020) COVID-19: Insights from Innovation Economists. *Science and Public Policy*, **forthcoming**

de Rassenfosse G. and Hosseini R. (2020) Discrimination against foreigners in the U.S. patent system. *Journal of International Business Policy*, **forthcoming**.

de Rassenfosse, G. and Higham K. (2020) Wanted: A standard for virtual patent marking. *Journal of Intellectual Property Law & Practice*, **15(7)**: 544–553.

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de Rassenfosse G. (2020) On the price elasticity of demand for trademarks. *Industry & Innovation*, **27(1-2)**: 11–24.

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de Rassenfosse G. and Thomson R. (2019) R&D offshoring and home industry productivity. *Industrial and Corporate Change*, **28(6)**: 1497–1513.

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de Rassenfosse G., Raiteri E. and Jaffe A. (2019) The procurement of innovation by the US government. *PLoS ONE*, **14(8)**: e0218927.

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de Rassenfosse G. (2017) An assessment of how well we account for intangibles, *Industrial and Corporate Change*, **26(3)**: 517–534.

de Rassenfosse G., Kracker M. and Tarasconi G. (2017) Getting Started with PATSTAT Register. *Australian Economic Review*, **50(1)**: 110–120

de Rassenfosse G. and Fischer T. (2016) Venture debt financing: Determinants of the lending decision. *Strategic Entrepreneurship Journal*, **10(3)**: 235–256

de Rassenfosse G., Palangkaraya A. and Webster E. (2016) Why do patents facilitate trade in technology? Testing the disclosure and appropriation effects, *Research Policy*, **45(7)**: 1326–1336

Williams R. and de Rassenfosse G. (2016) Pitfalls in aggregating performance measures in higher education, *Studies in Higher Education*, **41(1)**: 51–62

de Rassenfosse G. and Williams R. (2015) Rules of engagement: measuring connectivity in national systems of higher education, *Higher Education*, **70(6)**: 941–956

de Rassenfosse G., Dernis H. and Boedt G. (2014) An introduction to the Patstat database with example queries, *Australian Economic Review*, **47(3)**: 395–408

- Danguy J., de Rassenfosse G. and van Pottelsberghe B.** (2014) On the origins of the worldwide surge in patenting: An industry perspective on the R&D-patent relationship, *Industrial and Corporate Change*, **23(2)**: 535–572.
- de Rassenfosse G., Schoen A. and Wastyn A.** (2014) Selection bias in innovation studies: A simple test, *Technological Forecasting and Social Change*, **81(1)**: 287–299
- Williams R., de Rassenfosse G., Jensen P. and Marginson S.** (2013) The determinants of quality national higher education systems. *Journal of Higher Education Policy and Management*, **35(6)**: 599–611
- de Rassenfosse G.** (2013) Do firms face a trade-off between the quantity and the quality of their inventions? *Research Policy*, **42(5)**: 1072–1079
- de Rassenfosse G. and van Pottelsberghe B.** (2013) The role of fees in patent systems: Theory and evidence, *Journal of Economic Surveys*, **27(4)**: 696–716
- de Rassenfosse G., Dernis H., Guellec D., Picci L. and van Pottelsberghe B.** (2013) The worldwide count of priority patents: A new indicator of inventive activity, *Research Policy*, **42(3)**: 720–737
- de Rassenfosse G.** (2012) How SMEs exploit their intellectual property assets: Evidence from survey data, *Small Business Economics*, **39(2)**: 437–452
- de Rassenfosse G. and van Pottelsberghe B.** (2012) On the price elasticity of demand for patents, *Oxford Bulletin of Economics and Statistics*, **74(1)**: 58–77
- de Rassenfosse G. and van Pottelsberghe B.** (2009) A policy insight into the R&D-patent relationship, *Research Policy*, **38(5)**: 779–792
- de Rassenfosse G. and van Pottelsberghe B.** (2007) Per un pugno di dollari: A first look at the price elasticity of patents, *Oxford Review of Economic Policy*, **23(4)**: 588–604