Gabriel Bayle

PHD · BEHAVIORAL AND EXPERIMENTAL ECONOMICS

GATE LSE - UMR5824 - CNRS, Université Lumière-Lyon 2, Université Jean-Monnet-St-Etienne, emlyon

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Professional Experience

2025-2026	**Postdoctoral fellow - Research engineer** with Marie Claire Villeval in GATE CNRS, Lyon, France
2024	**Visiting Research Fellow** with Yukihiko Funaki in Waseda University, Tokyo, Japan
2021-2024	**PhD Student in Economics** with Marc Willinger in CEE-M, Montpellier, France
	———–Pre-academic———————————
2019-2020	**Project Manager Officer - Cost Management** Airbus Helicopter - Scalian
2018-2019	**Consultant in Project Management** Independent
2016-2018	**Project Manager and Trainer** Reynolds & Reynolds
2015-2016	**Apprenticeship: Corporate Account Management** Crédit Agricole Sud-Rhône-Alpes

Education

University of Montpellier *Montpellier, France*
PHD ECONOMICS *10/2021 - 11/2024*
- Essays on distributional preferences and approval mechanisms in social dilemmas
- Supervisor: Pr. Marc Willinger - Defended in November 2024
- Referees: Marie-Claire Villeval and François Cochard - Jury members: Yukihiko Funaki and Katrin Erdlenbruch

University of Montpellier *Montpellier, France*
MD BEHAVIORAL ECONOMICS *09/2020 - 09/2021*
- Master's thesis: "Impact of altruism on the emergence of institutions in the context of Common Pool Resources management"
- Supervisor: Pr. Alain Marciano

University of Grenoble-Alpes *Grenoble, France*
MD ECONOMIC ENGINEERING AND PROJECT MANAGEMENT *09/2014 - 09/2016*
- Master's thesis: "Optimization of internal mobility for the personnel's performance in Corporate Banking"
- Supervisor: Pr. Annick Chappaz-Guillot

University of Avignon *Avignon, France*
BD ECONOMICS AND MANAGEMENT *09/2011 - 09/2014*
- Bachelor's thesis: "Improving Customer database management for Prospecting effectiveness in Corporate Banking"
- Professional advisor: Laurent Fabry

Publications

PUBLISHED

Bayle, G., S. Farolfi, E. Lavaine, M. Willinger. 2023. *Solving Conflicts over Common-pool Resources through Stakeholder Delegation.* in Journal of Economic Behaviors and Organizations, Vol. 227, 106702.

SUBMITTED

Bayle, G., M. Willinger. 2025. *Efficiency of the Minimum Approval Mechanism with heterogeneous players.* R&R in Journal of Public Economic Theory

Bayle, G., D. Dubois, M. Willinger. 2025. *L'économie à l'ère de la science ouverte : un nouvel élan pour la reproductibilité.*

IN PREP

Bayle, G. *Four ways to share a pie: Identifying distributional preferences with machine learning.*

Bayle, G., N. Quérou, M. Beaud, D. Dubois, M. Willinger. *Mobile common pool resources: Theory and experiment on resource-users behaviors.*

Bobin, N., **G. Bayle**, D. Dubois, M. Willinger. *Overconfidence and competitiveness: A lab-in-the-field experiment.*

Belard, A., D. Jourdain, S. Farolfi, **G. Bayle**. *Enhancing cooperation between farmers in Zimbabwe: A Threshold Public good lab-in-the-field experiment.*

Bayle, G., Y. Funaki. *Studying cooperative bargaining with non-cooperative disagreement options.*

Bayle, G., V. Pham, Y. Kamijo. *Bargaining under social dilemmas and risk: An experimental approach on binding and non-binding agreements in dynamic CPR dilemmas.*

Bayle, G., V. Pincon, G. Barragan-Jason, C. Bazart, D. Dubois, L. Ibanez, S. Roussel, A. Syssau-Vaccarella, M. Willinger. *Intergenerational common pool resources: Priming, Perspectives and Transmission.*

Presentations

presenting author

Conferences

Four ways to share a pie: Identifying distributional preferences with machine learning. **WEAI-IAREP 2025**, San Francisco, US, **ASFEE 2025**, Nancy, France, **IAREP-SABE 2024**, Dundee, UK

Efficiency of the Minimum Approval Mechanism with heterogeneous players. **ASFEE 2024**, Grenoble, France

Solving Conflicts over Common-pool Resources through Stakeholder Delegation. **ESA World 2023**, Lyon, France, **ASFEE 2023**, Montpellier, France, **IAREP-SABE 2023**, Nice, France, **ASFEE 2022**, Lyon, France

Invited Presentations

Four ways to share a pie: Identifying distributional preferences with machine learning in **CREST Waseda Workshop 2024** in Paris, France.

Relativism, Competitiveness or Self-interest? Experimental evidence of four types of individuals in **JSPS core to core CEFM Kyoto Workshop**, Kyoto, Japan.

Efficiency of the Minimum Approval Mechanism with heterogeneous players in **Waseda Game Theory and Experimental Economics Workshop**, Tokyo, Japan.

Teaching Experience

2025	**Open Science and Reproduction crisis - PhD-students level**, Invited lecturer	*U. Montpellier*
2023-2025	**Machine Learning in Water Management - PhD-students level**, Invited lecturer	*U. Montpellier*
2023-2024	**Social dilemmas in Experimental Economics - MD level**, Invited lecturer	*U. Montpellier*
2023	**Data analysis and Factor analysis - BD level**, Teaching Assistant	*U. Montpellier*

Supervision

2025	**Alexis Lefebvre**, MD level Internship, co-supervision with Dimitri Dubois - "Mobile common-pool resources"	*U. Montpellier*

Outreach & Professional Development

Awards

2024	**Elsevier IAREP SABE - Best Student Paper 2024 at the IAREP-SABE Conference**, for the paper G. Bayle (2024) "Four ways to share a pie: Identifying distributional preferences with machine learning".	

Grants

2025	**International Growth Center (IGC) - London School of Economics and Political Science - Full Research Grant 2024-2026** , Co-Principal Investigator with Amandine Belard (PI), Damien Jourdain (Co-PI) and Hambulo Ngoma (Co-PI) - GBP 40000
2024	**International Mobility Grant for a visiting in Waseda University** , by the Doctoral School of Economics and Management of the University of Montpellier

SERVICE AND OUTREACH

2024	**2nd Workshop on "AI in Academic Research" in CEE-M**, Organizer
2021-2024	**PhD Seminar CEE-M - 20+ seminars with International and local speakers**, Organizer
2024	**Workshop on "Power Analysis for experiments" in CEE-M, Montpellier**, Co-organizer
2024	**CEE-M booth and experiment at "Fête de la Science 2024" on the themes "Inter-generational Common Pool Resources"**, Organizer
2023	**CEE-M booth and experiment at "Fête de la Science 2023" on the themes "Overconfidence, Competitiveness Gender gap and Sport"**, Co-organizer
2022-2024	**Doctoral School of Economics and Management (EDEG)**, Representative of PhD Students
2022-2023	**Committee of the University of Montpellier for HRS4R and "HR in Excellence" Label**, Representative of PhD Students
2022-2023	**Master thesis and PIR evaluation in "Behavioral Economics"**, Jury
2023	**1rst Workshop on "AI in Academic Research" in CEE-M (local)**, Organizer

DEVELOPMENT

BESLAB Summer School 2022 - University Pompeu Fabra, Spain in Computational and Experimental Economics by Professors R. Nagel, J. Duffy, J. Ledyard, H. Dawid and Y. Rosokha

zTree Training 2022 by Pr. U. Fischbacher

COMPUTER SKILLS

Programming languages Python, Javascript, Html, Latex

Softwares R, oTree, PyCharm, zTree, Maple, Limesurvey