

# Jérôme HAMBYE-VERBRUGHEN

Updated September 9, 2024

## PERSONAL DETAILS

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**Current address** Bureau d'économie théorique et appliquée (BETA), UMR 7522  
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**BETA** <https://beta-economics.fr/annuaire/509/hambye/>

## CURRENT POSITION

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Ph.D Candidate in Economics for the Bureau of Theoretical and Applied Economics (BETA), University of Strasbourg, France

## RESEARCH INTEREST

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Ecological & Post-growth Economics, Structural Change, Energy & Exergy Analysis, Energy Efficiency

## EDUCATION

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**Ph.D in Economics** *2021 - Ongoing*  
BETA, University of Strasbourg (FR)  
Thesis : “*Energy dynamics and structural change in the era of digitalisation*” (Last update: Feb. 2024)  
Supervisors : Stefano Bianchini, Faustine Perrin, Claude Diebolt

**Master’s degree in Economic Analysis and Policy**, *with highest honours* *2019 - 2021*  
Faculty of Economics and Administration (FSEG), University of Strasbourg (FR)  
Specialization in Statistics & Econometrics

**Bachelor’s degree in International Economics and Management** *with high honours* *2018-2019*  
Faculty of Economics and Entrepreneurship, University of Montevideo (UY)  
Third year of Bachelor’s degree, Exchange programme

**Bachelor's degree in International Economics and Management** *with high honours 2016-2018*  
Faculty of Management, Economics, and Sciences, Catholic University of Lille (FR)  
First and Second year of Bachelor's degree, On site

**Economic and Social High School Diploma** *with highest honours* 2016  
International Lycée of Ferney Voltaire (FR)

## WORK IN PROGRESS

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Flipping the switch: How sectoral digital intensity (hardly) shapes high-income countries' energy use  
*with S. Bianchini, P.E. Brockway, E. Aramendia, M.K. Heun, Z. Marshall*

Powering up the LMDI toolbox: How methodological considerations contribute to undermining our understanding of energy dynamics

## COMMUNICATIONS

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**September 2024:** EAEPE 2024, Conventional panel presentation – European Association for Evolutionary Political Economy (*Bilbao*)

**June 2024:** 10<sup>th</sup> International Degrowth Conference and 15<sup>th</sup> Conference of the European Society for Ecological Economics, Poster and Conventional panel presentation – ESEE & Degrowth conference (*Pontevedra*)

**May 2024:** BETA internal seminar – Creativity, Science, & Innovation research group (*BETA, Strasbourg University*)

**April 2024:** ITI MAKErS young researchers' day – ITI MAKErS (*Strasbourg*)

**November 2023:** BETA internal seminar – Environment, Forest, & Energy research group (*Sarrebourg*)

**July 2023:** Exergy economics annual workshop – Exergy economics network (*Chambéry*)

**October 2022:** BETA internal seminar – Creativity, Science, & Innovation research group (*BETA, Strasbourg University*)

**June 2022:** PhD Workshop – Economics of Innovation, AI & Data Science Applications (*Copenhagen Business School*)

## TRAINING

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**10<sup>th</sup> Pre-Conference for Young Scholars: "change in the capitalist order"** *Sept. 3, 2023*  
Organised by the European Association for Evolutionary Political Economy (EAEPE) and the Institute for New Economic Thinking Young Scholar Initiative (INET YSI) – *Coordinators: Anna Hornykewycz, Johanna Rath, and Merve Burnazoglu*

**PhD Symposium** *Jun. 17, 2023*  
International Degrowth Conference & Conference of the European Society for Ecological Economics – *Coordinators (University of Vigo): Alejandro Fortuny, Josephine Becker, Noortje Keurhorst, Víctor Sánchez*

**Introduction to Agent-Based Models** *Dec. 12, 2023*  
Doctoral lesson to introduce to the fundamentals of Agent Based Modelling – *Coordinator: Andrea Borsato (Université de Strasbourg, Université de Lorraine, BETA, CNRS)*

**Train-the-Trainer Open Science programme** *Jun.-Sept. 2023*  
Training to become an Open Science trainer in my own doctoral school – *Coordinator: Noël Thiboud (URFIST Strasbourg)*

**Open Science** *Oct.-Dec. 2022*  
Introduction to open science, Open Access publications, Open Data – *Coordinator: Noël Thiboud (URFIST Strasbourg)*

**Sustainable transitions in employment, economic welfare and environment** *June 2022*  
Summer School Università di Pisa – *Coordinators: Dr. Ralph Hall (Virginia Tech), Prof. Nicholas Ashford (MIT), Dr. Tiziano Distefano (Università di Pisa), Prof. Tommaso Luzzati (Università di Pisa)*

**Ecological Economics for All** *July 2022*  
Online Summer Crash Course University of Vermont – *Coordinator: Rigo Melgar (University of Vermont / Gund Institute)*

**Energy, Economic, and Environmental Scenarios** *July 2022*  
MOOC Técnico Lisboa – *Coordinators (Técnico Lisboa): Tânia Sousa, Laura Felício, João Santos, Ricardo da Silva Vieira, António Alvarenga, Rui Prada, André Silva*

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## GRANTS & AWARDS

**2021:** Winner of the Interdisciplinary Thematic Institute (ITI) MAKerS' ("Making European Society") call for Ph.D students

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## WORK EXPERIENCE

<b>Teaching assistant</b>	<b>FSEG, University of Strasbourg</b>	
<i>2021-2024</i>	Macroeconomics I (60h)	Undergraduate year 1
<i>2021-2022</i>	Microeconomics III (30h)	Undergraduate year 2
<i>2022-2025</i>	Econometrics I (120h)	Undergraduate year 3
<i>2024-2025</i>	Biophysical Measurements of Environmental Changes (5h)	Master ETIK, year 2

<b>Research assistant</b>	<b>BETA, University of Strasbourg</b>	
<i>August 2021</i>	Autonomous research work on the spatial interactions occurring between demographic features and technological change (green and digital innovation) in Europe, under the supervision of S. Bianchini.	

<b>Academic mentor</b>	<b>FSEG, University of Strasbourg</b>	
<i>2020 - 2021</i>	Academic mentoring as part of the national plan (REPARE) to prevent school dropout in the COVID context.	
<i>2019 - 2020</i>	Tutoring and homework support for First year students.	

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## REVIEWING ACTIVITIES

Structural Change and Economic Dynamics

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## ADMINISTRATIVE RESPONSIBILITIES

Member of the Interdisciplinary Thematic Institute (ITI) MAKerS, “Making European Society”

Member of the BETA DDRS (Sustainable Development) Working Group

Elected member of the Faculty Council, University of Strasbourg (2021-2023, 2023-2025)

Secretary of the organising committee of the Augustin Cournot Doctoral Days (ACDD 2023) 20th edition

## NETWORKS

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Post-growth Economics Network (*PEN*), Coordinator (2023-2025)

Exergy Economics research network

REpanser l'éco Strasbourg (*Rethinking Economics*), Co-founder

European Society for Ecological Economics – ESEE Students

## COMPUTER & LANGUAGE SKILLS

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<b>Programming</b>	Advanced : R Novice : Python, SAS Studio Basic knowledge : Stata, EViews, BASH, Git
<b>Operating System</b>	Linux, Microsoft
<b>Typesetting</b>	MS Office 365 & LibreOffice, L <sup>A</sup> T <sub>E</sub> X, Markdown
<b>Languages</b>	French – Native English – Fluent Spanish – Advanced Russian – Elementary