



BETA Bureau d'économie théorique et appliquée

2023

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BETA - BUREAU FOR ECONOMIC THEORY AND APPLICATIONS

University of Strasbourg

CNRS (UMR 7522)

University of Lorraine

INRAE (UMR 1443)

AgroParisTech











BETA – Bureau of Economic Theory and Applications

The main joint research unit in economics and management in the Grand Est region

1972

BETA was created in Strasbourg

1985

CNRS

2005

BETA extended to Lorraine

2018

BETA joined
AgroParisTech
and Inra (INRAE

A joint research unit belonging to CNRS, the University of Strasbourg, the University of Lorraine, INRAE and AgroParisTech, the BETA lab is located on 5 different premises: in Strasbourg and Nancy, and also in Metz, Colmar and Mulhouse.

Since the laboratory was created, the research conducted in BETA has been guided by the desire to coordinate the theoretical aspects of research and their applications in economics and management. Historically, the laboratory was built around several research areas rooted in microeconomic and macroeconomic theory, and is the heir to a long tradition in the history of economic thought. Several fields have developed its identity: innovation, technology and organizational management, the assessment of environmental assets, the study of the relation between qualification and employment, and economic history. Subjects have expanded, just as the laboratory and our society have evolved: law and economics has asserted itself, energy economics, forest economics (mainly thanks to an observatory for forest economics) and more broadly speaking the economic analysis of energy, environmental and demographic transitions: all of those subjects have become stronger. Specific methodological tools and approaches have grown over the years, and now represent genuine shared skills: modelling, cliometrics, econometrics, evaluation and forecasting methods, etc. The most recently skill acquired 'Lab experiment' is matched by a dedicated infrastructure facility: the Strasbourg experimental economics lab.

Pursuing its quest for excellence in its numerous specialist areas of expertise, BETA has paid particular attention to its PhD students' training and follow-up. Researchers at BETA work under many contracts with public institutions and private partners, and their research is intended for the scientific community, but also for decision-makers and citizens.

Our team consists of approximately 240 members, including 120 tenured researchers, nearly 80 PhD students, and roughly 20 engineers and support staff. The lab is managed by a scientific office, composed of heads of thematic areas and the executive team.

Head of the Unit:

 $Herrade\ Igersheim\ .$

Deputy directors:

Marielle Brunette, Véronique Schaeffer, Yamina Tadjeddine-Fourneyron.





Research at BETA

The lab's scientific activity is organised around 5 areas of research

CHPE

Cliometrics, History of Economic Thought This area is composed of researchers in cliometrics, and history of economic thought. The ongoing research combines complementary methods (archives, text analysis, modelling techniques) and investigates the structural and spatial dynamics of economic systems. The issues of gender equality, anticipations, the concept of 'public reason', and various types of liberalisms, are at the heart of their work.

CIDD

Behaviours, Incentives and Sustainable Development The topics in this area concern the behaviours of economic agents (consumers, producers) in the face of incentives, and also the analysis of decision-making processes in high-risk situations or in situations of uncertainty. Current projects concern the viability and sustainability of the systems in which those behaviours happen, in regard to the natural environment, public finances or social care.

CSI

Creativity, Science and Innovation

This area promotes economic and management research on matters of innovation, entrepreneurship, technology diffusion and economic and societal impact measurements of innovation. Researchers at BETA-CSI have led the way on domains like evolutionary economics, community shaping and organisational routines. Current research includes the links between data sciences and innovation economics, intellectual property and management science or creativity management.

ED Law and Economics

This group includes researchers who study the links between law and economics. Using theoretical, econometric and experimental methods, they analyse the incentive effects of the legal environment and, hence, highlight how it may shape individual behaviors. The main aim behind this topic is to understand the design of existing rules and to evaluate their economic efficiency from a normative perspective.

MPP acroeconomics a

Macroeconomics and Public Policy Relying on econometrics and dynamic modelling techniques, scientists in this area mainly study the following topics: economic development in conjunction with welfare and public policy, public policies carried out in the European Union and the Eurozone, and the macroeconomic exploration of issues related to climate change and to environmental dynamics.

BETA's missions

Research, training, expertise, dissemination

1013 Scientific productions between 2012 and 2019

Producing knowledge and publishing it in the best peer-reviewed journals



Current employment of those who defended their PhD thesis in the last 5-year program



Academics Private sector

Post-doctoral fellows

Seminars each year

Master's degree

Training in research and training through research

> Masters, PhDs, lifelong learning for researchers

15 Events each year (on

average)

Organizing scientific events

AFSE (2016), AFEP (2016), Cliometrics World Congress (2017), Gide Conference (2018), APET (2019), etc.



Taking part in contract research

between 2011 and

French National Research Agency, University of Strasbourg, CNRS, Cifre PhD Scholarships,

Getting involved in social debates

Sharing knowledge: World Forum for Democracy, Pint of Science, appearances in local and national media...

Expertise: European Parliament, DG Research & Innovation, Conseil d'Analyse économique, Government departments, CNAF...

