

CHRISTOPH HEINZEL

INRAE, UMR SMART

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FIELDS OF INTEREST

Economics of Risk and Time, Public Economics (focus: agriculture, environment, innovation), Experimental Economics

CURRENT POSITION

INRAE Research Fellow (Chargé de Recherche; full-time research position), UMR SMART, Rennes, France, 09/2011-

PREVIOUS POSITIONS

Visiting Research Fellow, Toulouse School of Economics (LERNA), Toulouse, France, 09/2009-08/2011

Senior Research Associate, Centre for Energy and Environmental Markets, School of Economics, Australian School of Business, University of New South Wales, Australia, 08/2008-08/2009

EDUCATION

Ph. D. Economics (Dr. rer. pol.), Dresden University of Technology, Germany, 07/2008

Dissertation Title: *Distorted Time Preferences and Structural Change in the Energy Industry. A Theoretical and Applied Environmental-Economic Analysis*

Committee: Marco Lehmann-Waffenschmidt (advisor), Christian von Hirschhausen, Malte Faber

M. A. Economics (Diplom-Volkswirt), University of Heidelberg, Germany, 2001

B. Sc. Mathematics (Vordiplom), University of Heidelberg, Germany, 2001

Classes in Economics, B.A. and M.A. level, University of Quebec at Montreal, Canada, 1998-99

B. A. Economics (Vordiplom), University of Konstanz, Germany, 1998

PUBLICATIONS

“Robustness of inferences in risk and time experiments to lifecycle asset integration” (with AJ A. Bostian). *PLoS One*, 20(9), e0332888, 2025

“Precautionary saving under recursive preferences” (with AJ A. Bostian). *Journal of Economic Behavior and Organization*, 228, 106770, 2024

“Comparing utility derivative premia under additive and multiplicative risks.” *Insurance: Mathematics and Economics* 111, 23-40, 2023

“Precaution with multiple instruments: The importance of substitution effects” (with Richard Peter). *Journal of Economic Behavior and Organization* 207, 392-412, 2023

“Comparative Precautionary Saving under Higher-Order Risk and Recursive Utility” (with AJ A. Bostian). *Geneva Risk and Insurance Review* 43(1), 95-114, 2018

“Expériences économiques en économie agricole : État des lieux et dynamiques de recherche” (Experimental Economics Applied to Agricultural Issues: Taking Stock and Research Perspectives) (with Douadia Bouherara, Marielle Brunette, Lisette Ibanez, Laurent Muller, Sabrina Teyssier). *Économie rurale* 362, 29-48, 2017

“Schumpeter and Georgescu-Roegen on the Foundations of an Evolutionary Analysis.” *Cambridge Journal of Economics* 37(2), 251-271, 2013

“Distorted Time Preferences and Time-to-Build in the Transition to a Low-Carbon Energy Industry” (with Ralph Winkler). *Environmental and Resource Economics* 49(2), 217-241, 2011

“Economic Functioning and Politically-Pragmatic Justification of Tradable Green Certificates in Poland” (with Thomas Winkler). *Environmental Economics and Policy Studies* 13(2), 157-175, 2011

Distorted Time Preferences and Structural Change in the Energy Industry. A Theoretical and Applied Environmental-Economic Analysis, Series “Sustainability and Innovation,” Springer-Physica, Heidelberg, 2009

WORKING PAPERS/WORK IN PROGRESS

- “Self-Protection with Multiplicative Foreground and Background Risks”
- “Measuring Risk Substitution Rates for Additive and Multiplicative Risk Increases”
- “Prudential Saving: Evidence from a Laboratory Experiment” (with AJ A. Bostian)
- “Pigou Regulation under Delayed Uncertainty Resolution” (with Arnaud Reynaud)
- “Production Effects of Direct Payments to Active Farmers: a Microeconomic Dynamic and Stochastic Analysis”
(with Alain Carpentier, Alexandre Gohin)

TEACHING EXPERIENCE

- “Economics of Uncertainty and Information,” lecture at Master level, Department of Economics, University of Rennes 1, fall 2012, spring 2014-2017 (5x)
- “The Economics of Climate Change and Carbon Markets” (ECON5121), graduate course, School of Economics, University of New South Wales, 1st semester 2009
- “Selected Topics in Environmental Economics,” graduate seminar (supervision of term papers), Department of Economics, Dresden University of Technology, summer 2008
- “Macroeconomics,” 2nd-year undergraduate tutorial, Alfred-Weber Institute for Economics, University of Heidelberg, 2002-2004 (10x)

GRANTS

- INRA, Research Department SAE2, young researcher’s grant: *Regulating Spatial Environmental Externalities under Uncertainty*, €10,000, 01-12/2012
- Australian Department of Environment, Water, Heritage and the Arts; Commonwealth Environmental Research Facilities; Environmental Economics Research Hub: *Modelling the Potential Interactions between the Australian 20% Renewable Energy Target and the Carbon Pollution Reduction Scheme within the Australian National Electricity Market*, research grant, AU\$ 90,000 (with Regina Betz, Iain MacGill), 01/2009-06/2010

INVITED SEMINARS

- “Robustness of Inferences in Risk and Time Experiments to Lifecycle Asset Integration,” CREM, Rennes, BETA, Strasbourg, 02/2020, CEE-M, Montpellier, 07/2020, IRISK, Lille, 06/2022, TBS, Toulouse, 09/2022, GATE, Lyon, 06/2025
- “Consumption Smoothing and Precautionary Saving under Recursive Preferences,” EMLYON Business School, Lyon, 03/2016
- “Consumption Smoothing and Precautionary Saving in Experiments,” MRIC, Munich, 02/2014
- “Prudential Saving: Evidence from a Laboratory Experiment,” CREM, Rennes, 06/2013
- “Prudential Saving: Evidence from a Laboratory Experiment,” LEF, Nancy, 03/2012
- “Prudential Saving: Evidence from a Laboratory Experiment,” UMR SMART, Rennes, 05/2011
- “Distorted Time Preferences and Time-to-Build in the Transition to a Low-Carbon Energy Industry” (in French), ‘Jeunes d’EconomiX’ seminar, U Paris-West Nanterre-La Défense, 04/2011
- “Distorted Time Preferences and Time-to-Build in the Transition to a Low-Carbon Energy Industry,” Paris Environmental and Energy Economics Seminar, 01/2011
- “Technology Choice and Time of Transition in the German Electricity Industry under Environmental and Technology Policy: A New Case for Nuclear Energy?” Helmholtz Centre for Environmental Research, Leipzig, Germany, 01/2007

AD-HOC REFEREEING

- American Journal of Agricultural Economics, Annals of Economics and Statistics, Cambridge Journal of Economics, Eastern Economic Journal, Economic Modelling, Geneva Papers on Risk and Insurance, Geneva Risk and Insurance Review, Insurance: Mathematics and Economics, Journal of Economic Behavior and Organization, Journal of Economic Psychology, Journal of Mathematical Economics, Journal of Risk and Insurance, Management Science, Mathematical Social Sciences, Theory and Decision*

LANGUAGES

Fluent in English and French, native in German

CITIZENSHIPS

Germany, France

REFERENCES

Available upon request