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Paris School of Economics

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Qualifications

- 2004 Habilitation à diriger les recherches
- 1996 Ph.D. Thesis, *Université Paris 6, summa cum laude*
- 1995 Agrégation de mathématiques
- 1989–1993 Student of *Ecole Normale Supérieure*, Mathematics, Paris

Appointments

- 2010– Chaire associée, *Paris School of Economics*
- 2008– Professeur Associé, *Paris School of Economics*
- 2006– Directeur de recherche CNRS, *Paris School of Economics*
- 2003–2006 Chargé de recherche CNRS, *Paris School of Economics*
- 1998–2003 Chargé de recherche CNRS, *THEMA*
- 1996–1998 Fellow, *CORE*, Université Catholique de Louvain
- 1995–1996 Human Capital Mobility fellow, *Universitat Pompeu Fabra*

Visiting positions

- 2008– Part time professor *Dept. of Mathematics*, London School of Economics
- 2005–2008 *MEDS–KSM*, Northwestern University
- 2004–2005 *Institute of Advanced Studies*, Jerusalem

Publications

Articles in peer reviewed journals

“Entropy and the value of information to investors”, with Antonio Cabrales and Roberto Serrano, *American Economic Review* 103: 360-377, 2013.

“Performing best when it matters most: evidence from professional tennis”, with Julio González-Días and Brian Rogers, *Journal of Economic Behavior and Organizations* 84: 767-781, 2012.

“Reasoning-based introspection”, with Elias Tsakas, *Theory and Decision* 73: 513-523, 2012

“Impermanent types and permanent reputations”, with Mehmet Ekmekci and Andrea Wilson, *Journal of Economic Theory* 147: 162–178, 2012

“Simple bounds on the value of a reputation”, *Econometrica* 79: 1627–1641, 2011

- “Ability and Knowledge”, *Games and Economic Behavior* 69: 95–106, 2010
- “When is the individually rational payoff in a repeated game equal to the minmax payoff?”, with Johannes Hörner, *Journal of Economic Theory* 145: 63–84, 2010
- “Information independence and common knowledge”, with Ehud Kalai and Robert Weber, *Econometrica* 77: 1317–1328, 2009
- “Informationally optimal correlation”, with Rida Laraki and Tristan Tomala, *Mathematical Programming B* 116: 147-172, 2009
- “Entropy bounds on Bayesian learning”, with Tristan Tomala, *Journal of Mathematical Economics* 44: 24-32, 2008
- “Secret correlation in repeated games with imperfect monitoring”, with Tristan Tomala, *Mathematics of Operations Research* 32: 413-424, 2007
- “Optimal use of communication resources”, with Penélope Hernández and Abraham Neyman, *Econometrica* 74: 1603-1636, 2006
- “Empirical distributions of beliefs under imperfect observation”, with Tristan Tomala, *Mathematics of Operations Research* 31: 13-30, 2006
- “Informational cascades elicit private information”, with Nicolas Melissas, *International Economic Review* 47: 297-325, 2006
- “Coordination through De Bruijn sequences”, with Penélope Hernández, *Operations Research Letters* 34: 17-21, 2006
- “On the consequences of behavioural adaptations in the cost-benefits analysis of road safety measures”, with Pierre Picard, *Journal of Risk and Insurance* 72: 577-599, 2005
- “Dynamiques de Communication”, with Penélope Hernández and Abraham Neyman *Revue Economique* 55: 509-516, 2004
- “Positive value of information in games”, with Bruno Bassan, Marco Scarsini et Shmuel Zamir, *International Journal of Game Theory* 32: 17-31, 2003
- “On the complexity of coordination”, with Penélope Hernández, *Mathematics of Operations Research* 28: 127-141, 2003
- “Strategic learning in games with symmetric information”, with Nicolas Vieille, *Games and Economic Behavior* 42: 25-47, 2003
- “How to play with a biased coin?”, with Nicolas Vieille, *Games and Economic Behavior* 41: 206-226, 2002
- “Repeated communication through the ‘and’ mechanism”, with Nicolas Vieille, *International Journal of Game Theory* 30: 41-61, 2001
- “Comparison of information structures”, *Games and Economic Behavior* 30: 44-63, 2000
- “Secure protocols – or how communication generates correlation”, *Journal of Economic Theory* 83: 69-89, 1998
- “Protocoles de communication robustes”, *Revue Economique* 48: 685-695, 1997
- “Overlapping generations games with mixed strategies”, *Mathematics of Operations Research* 21: 477-486, 1996
- “The folk theorem for finitely repeated games with mixed strategies”, *International Journal of Game Theory* 24 : 95-107, 1995

Chapters in collective works

“Repeated Games”, with Tristan Tomala in Meyers, Robert (Ed.) Encyclopedia of Complexity and Systems Science, Vol LXXX, Springer New York, 2009.

Discussion papers

“Efficiency in the repeated prisoner’s dilemma with imperfect private monitoring”, with Kyna Fong, Johannes Hörner, and Yuliy Sannikov

“Finite sample exact tests for linear regressions”, with Karl Schlag

Honors and services to the profession

Editorship

Associate Editor, Theory and Decision, since 2006

Associate Editor, Mathematics of Operations Research, since 2008

Associate Editor, Operations Research Letters, since 2011

Conference and Seminar Organization

Transatlantic Theory Workshop, Paris School of Economics, 2011, organizer

Transatlantic Theory Workshop, Paris School of Economics, 2008, organizer

Workshop on recent advances in repeated games, Stony Brook, 2008, co-organizer

16th Conference on Game Theory and applications, Stony Brook, 2005, organizer

Roy Seminar, 2008-2010, co-organizer

Paris Game Theory Seminar, 1998-2004, co-organizer

Governance

Member of the PSE board of Directors, since 2012

Member of the PSE steering committee, since 2011

Member of the PSE chair assembly, since 2010

Member of the CNRS Commission, section 37, appointed by the Minister of Research Valérie Pécresse, 2008-2011

Member of the Council of the Game Theory Society, 2008-2012

Grants

Co-responsible of LabEx OSE, 2012-2014

STICERD grant “Exact nonparametric tests for linear regressions - theory and applications”, 2010-2013

NSF Grant SES-0550993 “Summer Program on Game Theory and Economics”, 2005-2008

ACI Jeunes Chercheurs, PI, 2004-2008

FNSFS individual Fellowship, 1997-1999

Marie Curie individual Fellowship, 1995-1997