

Mikaël Cozic

Personal Information

- Born 03-06-1978
- French citizenship
- Married, 1 child

Contact Information

- Professional address:

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Current Position & Affiliations

- Lecturer in Philosophy at the *Département d'Etudes Cognitives*, Ecole Normale Supérieure, Paris (**until 1st September 2007**)
- Post-Doc in Philosophy at the *Institut d'Histoire et de Philosophie des Sciences et des Techniques* (IHPST, CNRS – ENS Ulm – Paris I Sorbonne) and at the *HEC Business School* (**from 1st September 2007**)
- Associate Member of the *Institut d'Histoire et de Philosophie des Sciences et des Techniques* (IHPST, CNRS – ENS Ulm – Paris I Sorbonne)

Research Areas

- *Areas of specialization* : rational choice theory, philosophical logic, cognitive sciences, philosophy and methodology of economics
- *Areas of competence* : logic, philosophy of logic and mathematics, philosophy of science, philosophy of probability, philosophy of mind

Education & Academic Degrees

2002-2005 **Ph.D. in Philosophy** , Paris IV Sorbonne

Thesis : « Cognitive Foundations of Choice under Bounded Rationality »
Supervisors : D. Andler (Paris IV) and B. Walliser (Paris-Jourdan Sciences)

Economiques & EHESS)

Members of the committee :

R. Bradley (London School of Economics)

P. Engel (Paris IV)

I. Gilboa (Universités de Tel-Aviv et Yale)

Ph. Mongin (CNRS, HEC)

Mention « Très honorable avec les félicitations à l'unanimité » (12/XII/05)

1997-2002 Student at the Ecole Normale Supérieure Ulm, Paris

2001-2002 **M.Sc., Mathematical Logic**, Paris VII Jussieu [DEA or M 2]

Thesis : « Computational Aspects of Game Theory »,

Supervisor : M. de Rougemont (Paris II & Laboratoire de Recherches en Informatique, Orsay)

2000-2001 **M.A., Cognitive Science** (EHESS - ENS Ulm - Ecole Polytechnique) [DEA or M 2]

Thesis : « Logical Omniscience and Game Theory »

Supervisor : J. Dubucs (CNRS, IHPST) and B. Walliser

Rank : 1 (Mention « Très bien »)

1998-1999 **M.A., Philosophy** Paris I Sorbonne [Maîtrise or M 1]

Thesis : « Family Resemblances in Wittgenstein's Philosophy »

Supervisor : P. Wagner (Paris I)

(Mention « Très Bien avec les félicitations du jury »)

1997-1998 Licence of Philosophy, Paris I [L 3]

Licence of Mathematical Logic, Paris I [L 3]

Honours

- July 2000 : admitted to Agrégation de Philosophie (national competitive exam in Philosophy).
Rank : 5 (out of more than 1,100 candidates)
- July 1997: admitted at Ecole Normale Supérieure (national competitive exam in Humanities)

Academic Positions

- Post-Doc in Philosophy at the *Institut d'Histoire et de Philosophie des Sciences et des Techniques* (IHPST, CNRS – ENS Ulm – Paris I Sorbonne) and at the *HEC Business School* (sept. 2007)

- Lecturer at the Département d'Etudes Cognitives, ENS Ulm (sept. 2006 – sept. 2007)
- Post-doc at the Département d'Etudes Cognitives, ENS Ulm (sept. 2005 – sept. 2006)
- Teaching Assistant at the Département de Philosophie, Paris IV Sorbonne (sept.2002 – sept.2005)

Teaching

Regular Classes

Post-doc at IHSPT & HEC Business School

2007-2008 Philosophy of Economics (ENS Ulm, Paris School of Economics, advanced undergraduate)
 Introduction to Philosphical Logic (ENS Ulm, Department of Philosophy, graduate)

Lecturer at ENS Ulm

2006-2007 Introduction to Logic (ENS Ulm, advanced undergraduate)
 Introduction to the Philosophy of Mind (ENS Ulm, advanced undergraduate)
 Introduction to Logic (Master of Cognitive Sciences, graduate)
 Introduction to the Logic of Conditionals (ENS Ulm, graduate)

Post-doc at ENS Ulm

2005-2006 Introduction to Logic (ENS Ulm, advanced undergraduate)
 Introduction to the Philosophy of Mind (ENS Ulm, advanced undergraduate)
 Introduction to Logic (Master of Cognitive Science, graduate)
 Introduction to the Logic of Conditionals (ENS Ulm, graduate)

Teaching assistant at Paris IV Sorbonne

2004-2005 DPH113 A (TD) Introduction to the Philosophy of Science (undergraduate)
 DPH 108 A (TD) Plato, *Phaedrus* (undergraduate)

2003-2004 DPH 213 B (TD) Philosophy of Physics (undergraduate)
 DPH 113 B (TD) Theories of Rationality (undergraduate)

2002-2003 DPH 202 B (TD) Kant, *Critique of Practical Reason* (undergraduate)
 DPH 202 A (TD) Leibniz, *Confessio Philosophi* (undergraduate)

Publications

Papers published in refereed volumes

- 2007 “Imaging and Sleeping Beauty: A Case for Double Halfers”, in D. Samet (ed.), *Theoretical Aspects of Reasoning About Knowledge*
- “Impossible States at Work: Logical Omniscience and Rational Choice” in R. Topol & ali. (eds.), *Cognitive Economics: New Trends, Contributions to Economic Analysis*, vol.280, Elsevier Publisher, chap.2
- 2006 “Epistemic Models, Logical Monotony and Substructural Logics”, in J. van Benthem & ali. (eds.), *The Age of Alternative Logics*, Kluwer Academic Publisher, Dordrecht, pp. 11-23

Forthcoming

- 2008 Special number “Philosophy of Probability” of the *International Journal of Approximate Reasoning* :
- *General Introduction (with J. Dubucs & Th. Martin)*
 - *Article “Impossible States and Unawareness”*
- La logique des conditionnels* (with P. Egré), Cassini, approx. 250pp.
- {“*The logic of conditionals*”, book on the logic and semantics of conditionals, with applications in decision and game theory, **Spring 2008**}
- Précis de Philosophie des sciences* (with A. Barberousse & D. Bonnay), Vuibert, 2 volumes, approx. 400 pp.
- {“*Précis of Philosophy of Science*”, graduate textbook on general philosophy of science and philosophy of special sciences, **Summer 2008** :
- *General Introduction (with A. Barberousse & D. Bonnay, 25 pp.)*
 - *Chapter “Confirmation and Induction” (30 pp.)*
- Chapter “Philosophy of Economics” (20 pp.)*}
- “Which Logic for the Radical Anti-Realist ? ” (with D. Bonnay), accepted in a volume of the collection *Logic, Epistemology and the Unity of Science*, Springer, **to appear**
- 2007 « La rationalité limitée », in B. Walliser (ed.) *Economie Cognitive*, MSH/Ophrys
- {*survey on bounded rationality, in press*}
- Logique, preuve et vérité* (with D. Bonnay), Vrin
- {« *Logic, Proof and Truth* », anthology in philosophy of logic, **Fall 2007** :

- *General Introduction (with D. Bonnay , 40 pp.)*
- *Translation & Presentation of S. Read, « The power of logic : Logical Consequence », ch.2 , Thinking About Logic, Oxford UP, pp. 35-61*
- *Presentation of A. Tarski, « On the Concept of Logical Consequence »*
- *Presentation of A. Tarski, « The Semantic Conception of Truth and the Foundations of Semantics »*

Work in progress

- « Choice and Computation », Working Paper
- « Methodological Foundations of Bounded Rationality », Working Paper

Other publications

- 2004 On G. Frege, *Les Fondements de l'arithmétique*, dans Science et Avenir, H-S *Le mystère des nombres*
{popularization}
- 2003 « La réification des universaux », in W.V.O Quine, *Du point de vue logique*, Vrin, pp. 149-184
{translation}
- 1998 « L'expérience du présent dans La pensée et le Mouvant d'Henri Bergson », with J. Dubucs, in *L'expérience du présent* , coll. Belin Sup, Belin, 1998, pp. 7-100
{academic textbook}

Academic Service

- Vice President of the Société de Philosophie des Sciences (since 2006)
- Vice Director of studies of the Département des Etudes Cognitives, ENS Ulm
- Member of the Scientific Committee of the 2^{ème} Congrès de la Société de Philosophie des Sciences (Genève, 29-31th march 2007)
- Referee for *Theory and Decision, Mathematical Social Sciences, Dialectica, ESSLLI*

Conferences Presentations

- 2007 “Choice under Bounded Rationality“, *LogKCA-07* (ILCLI, San Sebastian, November) *{invited tutorial}*
“Impossible States and Unawareness”, *Decisions, Games and Logic*

(London School of Economics, London, July)

“Imaging and Sleeping Beauty”, *Theoretical Aspects of Reasoning About Knowledge 2007* (University Saint Louis, Bruxelles, June)

“Imaging and Sleeping Beauty”, *PhilEAS Conference Cycle* (University of Genève, Department of Philosophy, March) { invited speaker }

- 2006 “Imaging and Sleeping Beauty”, *4th Paris-Amsterdam Meeting of Young Researchers*, (UVA, ILLC, Amsterdam, December)
« Choix et calcul », *Meeting of the Francophone Society for Analytic Philosophy (SOPHA)* (Aix-en-Provence, September)
« Impossible States at Work », *Workshop on Logics for Resource-Bounded Agents, ESSLLI 06* (Malaga, August)
« Which Logic for the Radical Anti-Realist? », (with D. Bonnay), *(Anti)-Realisms : Logics and Metaphysics* (Nancy, July)
« Choice and Computation », *Paris-Amsterdam-Berkeley Logic Meeting in Stanford* (Stanford University, 8 mai)
- 2005 « Impossible States at Work », *3th Paris-Amsterdam Meeting of Young Researchers*, (UVA, ILLC, Amsterdam, June)
« Modèles probabilistes des croyances et omniscience logique », *First Congress of the Société de Philosophie des Sciences* (Paris, ENS Ulm, January)
- 2004 « Logical Omniscience and Rational Choice », *First European Colloquium on Cognitive Economics* (Gif-sur-Yvette, CNRS, September)
« Choice and Computation », *Logic and Games : Foundational Perspectives* (Prague, October)
- 2002 « Monotonie logique et logiques substructurelles », *1st Paris-Montréal Meeting « Logic and Rationality »*, (Paris, IHPST, June)
« Logical Monotony and Substructural Logics », *Symposium International PILM 2002* (Nancy, L.P.H.S, September)
« Monotonie Logique et Rationalité Limitée », *2nd Paris-Montréal Meeting « Logic and Rationality »*, (Montréal, Udm, October)
« Logical Monotony and Bounded Rationality », *Workshop « Games in Logic, Language and Computation »* (Amsterdam, UVA, September)
- 2001 « Logical Omniscience and the Theory of Games », *Logic Colloquium 2001* (Vienne, TU, August)