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Manuel CARTIER

Academic position

- Maître de Conférence, University of Paris Dauphine (2004-...).
- ATER, University of Paris Dauphine (2002-2003).
- Allocataire moniteur, University of Paris Dauphine (1999-2001).

Degrees

- Doctorat ès Sciences de Gestion (PhD), University of Paris Dauphine (2003).
Thesis: "Dynamics of industries adaptation: a genetic algorithm based simulation".
Supervisor: Professor Raymond-Alain Thietart, University of Paris Dauphine.
Thesis defended on November 20, 2003, with distinctions.
- DEA 102 "Marketing et Stratégie", University of Paris-Dauphine (1999).
- Agrégation externe d'Economie et Gestion (1998).
- Member of the Ecole Normale Supérieure de Cachan (1997).

Prizes and honours

- Best Student Paper Award, *Association Internationale de Management Stratégique*, Annecy, june 6-10, 2006.
- Prix de thèse AIMS, 2004.
- Prix FNEGE pour publication 2004.
- Prix de thèse "Louis Forrest" de la Chancellerie des Universités de Paris 2004.
- Best Student Paper Award, *North American Association for Computational Social and Organizational Science Conference*, Pittsburgh, june 22-25 2003.
- Best Student Paper Award, *Approches Connexionnistes en Economie et Sciences de Gestion, IX^{ème} rencontre internationale, Boulogne-sur-Mer*, november 21-22, 2002.

Publications

- *Méthodes de simulation*, in *Méthodes de Recherche en Management*, Dunod, 2007.
- "Intérêt de la simulation pour les sciences de gestion", *Revue Française de gestion*, 165, p. 125-137, 2006.
- "Alliances et diversité dans l'industrie photographique", *Revue Française de gestion*, 165, p. 181-195, 2006.
- "Coévolution et adaptabilité des réseaux. Etudes de cas et simulation", *Revue Française de gestion*, 164, p. 119-139, 2006 (with Ana Colovic).
- *Simulation de la dynamique de l'adaptation d'industries*, Vuibert, novembre 2005.
- "Between radical and market-based innovation: Simulated evolution of a project population", *European Journal of Economic and Social Systems*, 17(1-2), p.147-166, 2004.
- "An agent-based model of innovation emergence in organizations: Renault and ford through the lens of evolutionism", *Computational and Mathematical Organization Theory*, 10(2), p.147-153, 2004.

Contributions to conferences

- "Co-evolution and Networks Adaptation, *Danish Research Unit for Industrial Dynamics summer conference*, Copenhagen, June 18-20, 2007 (with Ana Colovic).
- "Time differentiation and time agglomeration in the Hollywood film industry", *Association Internationale de Management Stratégique*, Atelier d'écriture, Montréal, June 6-9, 2007.

- “Co-evolution and Networks Adaptation: What Can We Learn from Biology”, *Academy of Management, BPS division*, Atlanta, August 11-16, 2006 (with Ana Colovic).
- “Co-évolution et adaptabilité des réseaux : études de cas et simulation”, *Association Internationale de Management Stratégique*, Annecy, June 6-10, 2006 (with Ana Colovic).
- “Diversity and Interdependence as Determinants of Network Adaptability: Qualitative Case Studies and Agent-based Modelling”, *Euram*, Oslo, May 17-20, 2006.
- “Co-evolution and Networks Adaptation”, *European Group of Organization Studies*, Bergen, July 6-8, 2006 (with Ana Colovic).
- “Diversity and interdependence as determinants of network adaptability: qualitative case studies and agent-based modelling”, *Complexity, Science & Society*, Liverpool, September 11-14, 2005 (with Ana Colovic).
- “Le rôle du bouche-à-oreille, de l’imitation et des externalités de réseau sur l’adoption d’un nouveau produit par le consommateur: une approche connexionniste”, with Wallet-Wodka D., *Actes de la IX^{ème} conférence de l’ACSEG*, november 20-21, Nantes, 2003.
- “An Agent-based model of innovation emergence in organizations: renault and ford through the lens of evolutionism”, *First NAACSOS Conference Proceedings*, june 22-25, Pittsburgh, 2003.
- “Entre innovation radicale et innovation tirée par le marché: simulation de l’évolution d’une population de projets”, *Actes de la XII^{ème} conférence de l’AIMS*, june 4-6, Tunis, 2003.
- “Simulation du processus d’innovation par algorithme génétique”, *Actes de la IX^{ème} conférence de l’ACSEG*, november 21-22, Boulogne-sur-Mer, 2002.
- “Selection and Transformation based Evolution in Organizations: A Genetic Algorithm Modeling”, The First Lake Arrowhead Conference on Computational Social Science and Social Complexity, may 9-12, Los Angeles, 2002.
- “Adaptation of Industries: A Simulation-based Approach”, 17th EGOS Colloquium, july 4-7, Lyon, 2001.
- “La dynamique de l’adaptation d’industries”, *Actes de la X^{ème} conférence de l’AIMS*, june 13-15, Québec, 2001.
- “Populations de firmes et ruptures technologiques”, Cercle Doctoral Francophone de Gestion, november 11-13, Nice, 2001.
- “L’interdépendance dans l’adaptation de systèmes: implications théoriques et méthodologiques”, *DMSP working paper*, 2001.

Pedagogical cases

“Airbus: du challenger au leader”, with Darpy D., *Centrale des Cas et des Médias Pédagogiques*, Paris: CCIP, 2003.

Administrative and scientific activities

- University Paris Dauphine, DMSP: directeur adjoint MSO (Master de Sciences des Organisations (2008-....)).
- Reviewer for journals such as *Computational and Mathematical Organization Theory*, *Revue Française de Gestion*.
- Reviewer for conferences such as *the AOM*, *Euram*, *AIMS*, *Smash*.
- Association Internationale de Management Stratégique, member of the “Conseil scientifique permanent” (2004-2007).
- University Paris Dauphine, DMSP: co-responsable de la taxe d’apprentissage (1999-2002).
- University Paris Dauphine: coordinator of the “Strategic Marketing” module (1999-2002).
- Anderson School, UCLA: “Visiting Research Scholar”, april-june (2002).
- *Revue Française de Gestion*: translation english to french of the paper: “L’organisation durable et ses stakeholders”, Sanjay Sharma, n°136 (2001).
- Member of the CEFAG program (2001).
- Participation to the “Doctoral Student Consortium”, 2001, Academy of Management, How Governments Matter, Washington, 3-8 of august.

Teaching

2008-2009 Strategic Marketing, University Paris Dauphine.
MarkStrat, Undergraduate simulation, University Paris Dauphine.
Marketing Management, University Paris Dauphine.
Data analysis, University Paris Dauphine.
Product management, University Paris Dauphine
Strategic Management, IAE de Paris