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RESEARCH APPROACH

I am an associate professor, First Class with Habilitation, at Sorbonne University Sciences, Paris, France. I work at the Computer Science Laboratory (LIP6), to do research on **artificial intelligence** and **cognitive sciences.**

My research focuses on the study of human complex systems, that is trying to model, simulate and understand human behaviors, economies and societies.

How can we fight unemployment more effectively? Will automation via robots and algorithms take our jobs? How can we find new ways to fight global warming and preserve biodiversity? These questions have in common the6 **complexity** in the sense of **complex systems**: by definition they are **difficult to study** and **impossible to predict**.

In my work , I designed a method to address these complex, yet crucial issues for our societies, using a particular form of **artificial intelligence** called **multi-agent simulation**. The idea is to provide an innovative method for **designing** and **evaluating policies** (of all kinds) in a **virtual world**, **before** their **implementation** in the real world.

My approach is strongly **multidisciplinary** and relies heavily on modelling of individual and social behaviors, from theories derived from economics, sociology, cognitive and social psychology, biology, environmental sciences, etc.

Agent-based models enable to **design decision-aid tools** that are **fully explainable Artificial Intelligence** systems, to help the decision maker to build better products or design better policies.

RESEARCH PROJECTS

- NumJobs (2018-…)
  - This project is a collaboration between the Multi-Agent Systems team of LIP6, and Pôle Emploi, the French leading public employment service and the Panthéon-Assas University (CRED). NumJobs aims to model and simulate the impact of digital technology, and in particular of Artificial Intelligence (AI), on employment, using a multi-agent system.
  - To do so, we have proposed a **complete multi-agent model of entire French economy**, including :

- A new labor **market model**, extendeding our WorkSim model with skills and tasks at the core.
- Production of consumer goods, capital goods and capital goods. We add goods markets and consumption, as well as a simplified banking system to have loans to firms and households. Finally, a public sector represents the state (tax policies, subsidies, etc.).
- A lot of work has been done on the data, not only for labor, but also for consumption, production, and the articulation between these different elements. Fine-grained initialization and calibration procedures allow to better validate the model.
- More details on http://numjobs.lip6.fr/

- **WorkSim (2006-…)**
  - Started in 2006, WorkSim is the most comprehensive labor market simulator available, including individual and corporate behavior, institutions and labor laws. One of the strong points is the endogenization of risk when choosing between a fixed-term or permanent job. We have calibrated it on real data and used it to evaluate public policies, such as the generation contract. In 2016, we were the only ones to propose a quantitative evaluation of the "El Khomri" labor law, proposed by the French government in 2016. This work has been cited and recognized by the IMF and the European Commission.
  - **Major results**
  - the most complete computational model of a labor market, a new calibration method in economics, evaluation of several public policies
  - 26 publications [2 international journals, 2 chapters, 1 national journal, 14 international conferences, 7 national conferences]
  - More details on http://worksim.lip6.fr/

- **Diffusion of Innovations (2005-…)**
  - Partnership with Orange Labs (Orange group, World Telecommunication leader)(2005-2009)
  - We designed COBAN, one of the most comprehensive and complete simulation model for the diffusion of any kind of innovation. Coban encodes people's beliefs through associative networks, in order to compute agents attitude and make adoption decision. We also proposed the first method to generate automatically a social network generator from statistical field data.
  - We also proposed the first method to generate automatically a social network generator from statistical field data.
  - **Major results**
    - first and most complete agent-based computational models of attitude and opinion dynamics, study of the diffusion of high-tech innovations on real data,

- 11 publications [1 international journal, 1 chapter, 8 international conferences, 1 national conference]

- **Opinions and attitudes dynamics (2012-…)**
  - Partnership with Airbus Defence and Space (2012-2015)
  - How would a population react when they are faced with information whether from a government or a company (ads) about e.g. an action, a product, an innovation ? This could be tackled through a core concept in social psychology: attitude dynamics. In this project, we propose a multi-agent based simulation model that will help us to better comprehend attitudes dynamics. Our goal is to articulate the cognitive and emotional dimensions of attitudes within a population.
  - **Major results**
    - attitude model with emotion and cognition, calibrated on real data
    - 7 publications [1 international journal, 1 chapter, 4 international conferences, 1 national conference]

SKILLS

Specialization	Multi-Agent Systems and Simulations, Decision Making and Decision Aid, Cognitive and Social Modelling, Cognitive Agents, Judgment, Categorization, Learning, Neural Networks, Artificial Intelligence.
Computer Skills	▪ Programming: C, C++, Java, Python, Prolog, Caml, Pascal, Lisp, HTML, PHP, UML, Software Engineering ▪ Systems: MacOS X, Unix, Linux, Windows
Other skills and Interests	▪ Psychology: cognitive, social, and economic. ▪ Economics: macro, micro, political, cognitive; links with Psychology and Sociology. ▪ Sociology and Marketing ▪ Misc. Science: mathematics, physics, electronics ▪ Philosophy: Epistemology (especially in Cognitive Science), Philosophy of Mind, Language and Logic

FACULTY AND SCIENTIFIC RESPONSABILITIES

Faculty

- Since 2007: elected member of the expert committee in charge of new faculty recruitment at UPMC
- Elected member of the Management Board of UPMC's Engineering Department

Affiliations

- Elected member of the Management Committee of ESSA (European Social Simulation Association) http://www.essa.eu.org/
- Member of the RNSC (French National Network for Complex Systems Research)

Committees

- Member of several conference and journal committees: AAMAS, PROMAS, JFSMA, WCSS, ESSA, BWSS, EURO, CAP, Neurocomputing, HCP, …
- Chairman of several sessions in conferences (ESSA, WCSS, IAREP-SABE…)
- Member of the local organization committee of AAMAS 2014

PROFESSIONAL EXPERIENCE

Since 1998 — Associate Professor at University Pierre et Marie Curie - Paris 6, France.

Research at LIP6 (Laboratoire Informatique de Paris 6)

- Since 2005: MAS Team (see above)
- 1998-2005: CORTEX Team (Machine Learning)

  Works on decision making, text categorization and web mining

1997 - 1998 — Teacher Assistant in Computer Science at University of Nancy, France. Research work at LORIA-INRIA Lorraine in Nancy, Artificial Intelligence Research Group (headed by J.-P. Haton)

Connectionist models for Decision Making

1996-1997 — Post-Doctoral Stay at University of Texas at Arlington, USA, granted by an INRIA Fellowship. Research work at the Department of Psychology, with Pr.Daniel S. Levine

Connectionist models for rule formation in Decision Making (neurobiological inspiration)

1995 - 1996 — Teacher Assistant in Computer Science at University of Nancy, France.Research work at LORIA-INRIA Lorraine in Nancy, Artificial Intelligence Research Group (headed by J.-P. Haton)

Categorization and Decision Making

1992-1995	Teacher Assistant in Computer Science at University of Brest and ENST (Ecole Nationale Supérieure des Télécommunications) de Bretagne, Brest, France.
1990-1991	Internship at IBM Thomas J. Watson Research Center, Yorktown Heights (New-York area), NY, USA. 6 months. Programmer at Network Management Group.

EDUCATION

1992-1996	Ph.D. in Computer Science from University of Rennes, prepared at ENST (Ecole Nationale Supérieure des Télécommunications) de Bretagne, Brest, France, Artificial Intelligence and Cognitive Science Department. Advisor: Pr. Jean-Pierre Barthélemy (ENST Bretagne). *Dissertation: "Modelling and implementation of human cognitive categorization processes by a connectionist network" (examination on 01/16/1996).*
1991-1992	Master Degree in Electrical Engineering, Institut National Polytechnique de Grenoble, France, with upper IInd class honors. *Electromagnetic Field Parallel Computation with a Hopfield Neural Network*
1988-1991	Engineer degree from ENST (Ecole Nationale Supérieure des Télécommunications) de Paris – Telecom Paris Tech (one of the top five engineering school ("grande école") in France. Third year specialization in Artificial Intelligence and Cognitive Science.

TEACHING

Currently at Sorbonne University	Modelling and Simulation of Complex Systems (coordinator)	Master Sc 2nd year
	Agents and Cognition (part of the course on Multi-Agent Systems)	Master Sc 2nd year
	Job seeking counselling, preparation to enter the workplace	Master Sc 2nd year
	Master projects in Artificial Intelligence (coordinator)	Master Sc 1st year
	Introduction to Economics and IT Industry	Bachelor Sc 3rd year
University Paris 2	Modelling and Simulation in Economics	Master Sc 2nd year

Past	Introduction to Cognitive Science, Decision-Making, Categorization, Neural networks, Learning, Graph Theory, Algorithmics, Programming language (C, Caml), Software Engineering, Compiling, Logic

LANGUAGE

English	Read, written and spoken fluently (2 years in USA, TOEFL score: 647)
German	Read, spoken.
French	Native Language

LEISURE

Sports	Swimming, Gym, Sailing
Misc.	Music (Piano player), Watching Movies and Plays, Reading, Travelling, Politics

PUBLICATIONS

International Journals

1. Kant, Jean-Daniel, Ballot, Gérard and Goudet, Olivier (2020) 'WorkSim: An Agent-Based Model of Labor Markets' Journal of Artificial Societies and Social Simulation 23 (4) 4 . *Impact Factor (IF) = 2.55*
   http://jasss.soc.surrey.ac.uk/23/4/4.html doi: 10.18564/jasss.4396
2. K.-L. Brousmiche, J.-D. Kant, N. Sabouret and F. Prenot-Guinard (2016). From Beliefs to Attitudes: Polias, a Model of Attitude Dynamics Based on Cognitive Modeling and Field Data. *Journal of Artificial Societies and Social Simulation 19, 4(2)*.

   http://jasss.soc.surrey.ac.uk/19/4/2.html. *Impact Factor (IF) = 2.55*
3. O. Goudet, J.-D. Kant, G. Ballot (2016). WorkSim - a calibrated agent-based model of the labor market accounting for workers' stocks and gross flows. *Computational Economics, July 2016, pp. 1-48*. http://link.springer.com/article/10.1007/s10614-016-9577-0. *IF = 0.69*
4. S.Martin, I. Alvarez, J-D. Kant (2015). Micro/Macro Viability Analysis of Individual-based Models: Investigation into the Viability of a Stylized Agricultural Cooperative. *Complexity*. Vol. 21 (2), pp. 276-296. *IF = 4.62*
5. S. Thiriot et J.-D. Kant (2008). Using associative networks to represent adopters' beliefs in a multi-agent model of innovation diffusion. *Advances in Complex Systems, Vol.11 (2)*, pp. 261-272. *IF = 0.97*
6. Z. Lewkovicz et J.-D. Kant, (2008). A multi-agent simulation of a stylized French Labor Market : emergences at the micro-level. *Advances in Complex Systems*. *Vol.11 (2)*, pp. 217-230. *IF = 0.97*
7. J.D. Kant, J. Le Drezen, J. Bigeon (1995). Electromagnetic Field parallel computation using a Hopfield Neural network. *IEEE Transactions on Magnetics*, Vol. 31, No. 3, pp. 1968-1971. *IF = 1.39*

Chapters

8. K.L. Brousmiche, J.-D. Kant, N. Sabouret, S. Fournier, F. Prenot-Guinard (2017). From Field Data to Attitude Formation. In *Advances in Social Simulation 2015*, Jager, W., Verbrugge, R., Flache, A., de Roo, G., Hoogduin, L., and Hemelrijk, C. (Eds.). *Advances in Intelligent Systems and Computing Series*, Vol. 528 (1), Springer, pp. 1-14.
9. O. Goudet, J.-D. Kant et G. Ballot (2015). Forbidding fixed duration contracts. Unfolding the opposing effects with a multiagent model of the French labour. In *Advances in Artificial Economics*, *Lecture Notes in Economics and Mathematical Systems*, Vol. 676, pp 151-167.
10. S. Thiriot, Z. Lewkovicz, P. Caillou et J.-D. Kant (2011). Referral hiring and labor markets: a computational study. In *Emergent Results of Artificial Economics*, *Lecture Notes in Economics and Mathematical Systems*, Springer, Vol. 652, pp 15-25.

11. S. Thiriot et J.-D. Kant (2010). A naturalistic multi-agent model of word-of mouth dynamics. In *Simulating Interacting Agents and Social Phenomena*, K. Takadama, C. C. Revilla, G. Deffuant (eds), *Agent-Based Social System Series*, Springer, pp. 89-102.

National Journals

12. G. Ballot, J.-D. Kant, O. Goudet (2016). Un modèle multi-agents du marché du travail français, outil d'évaluation des politiques de l'emploi. L'exemple du contrat de génération.. *Revue économique*, 67 (4) pp. 831-869.
13. J.-D. Kant (2012). Apports de l'informatique et des mathématiques pour la modélisation en sciences humaines et sociales. *Mathématiques et Sciences Humaines*, n° 197, 2012(1), p. 47-64. (*HCERES: rang A)*

International Conferences

14. N. De Bufala et J.-D. Kant (2019). An Evolutionary Approach to Find Optimal Policies with an Agent-Based Simulation. Proc. of the 18th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2019), May 13-17, 2019, Montreal, Canada. Conference A+.
15. J.-D. Kant (2019). An agent-based simulation approach to evaluate and design policies. Keynote Lecture. 20th International Workshop on Multi-Agent-Based Simulation (MABS 2019), May 2019, Montreal, Canada.
16. N. De Bufala et J.-D. Kant (2018). OptiPol : an Evolutionary Approach to Find Optimal Policies with an Agent-Based Simulation.. *Modelling and Analysis of Complex Monetary Economies - MACME IV*, December 2017, Villetaneuse, France
17. G. Ballot, J.-D. Kant, O. Goudet (2017). A multi-agent model to simulate the introduction of a temporary help agency in a labor market. Modelling and Analysis of Complex Monetary Economies - MACME IV, Nov 2017, Saint-Denis, France
18. G. Ballot, J.-D. Kant, O. Goudet (2017). Introducing a temporary help agency in a labor market : a multi-agent model. *WEHIA 2017 - 22nd annual Workshop on the Economic Science with Heterogeneous Interacting Agents*, Jun 2017, Milan, Italy
19. J.-D. Kant, G. Ballot, O. Goudet, (2016). WorkSim, an agent-based framework to study labor markets.. International Conference on Agent Computing. Fairfax, USA.
20. Jean-Daniel Kant, Gérard Ballot, Olivier Goudet (2016). « A multiagent approach to evaluate labor policies.. MACME III – Modeling and Analysis of Complex Monetary Economies, Dec 2016, Villetaneuse, France
21. J.-D. Kant, O. Goudet, G. Ballot (2016). An ex ante evaluation of economic dismissals facilitation on the French labor market: An agent-based model. Artificial Economics 2016, Rome.
22. K.L. Brousmiche, J.D. Kant, N. Sabouret, S. Fournier, F. Prenot-Guinard (2015). From Field Data to Attitude Formation. Social Simulation Conference 2015 (SSC 2015). Groningen. ***Best Student Paper.***
23. K.-L. Brousmiche, F. Prenot-Guinard, J.-D. Kant, N. Sabouret, N. (2015). Modeling the impact of combat and influence actions on population attitudes towards forces: An agent-based approach », in Proc. *NATO STO System Analysis and Studies Panel (SAS)*

Symposium (STO-MP-SAS-105 - Information Operations for Influence), Amersfoort, 2015. ISBN 978-92-837-2013-3.

24. O. Goudet, J.-D. Kant, G. Ballot (2015). How to choose a contract type in the French Labor Market ? An agent-based endogenous model », *AE 2015 - 11th Artificial Economics conference*, Porto.
25. G. Ballot, O. Goudet, J.-D. Kant (2015). Endogenous choices of contract types in an agent-based model of the labor market », *WEHIA 2015 - 20th Annual Workshop on the Economic Science with Heterogeneous Interacting Agents*. Sophia Antipolis.
26. O. Goudet, J.-D. Kant et G. Ballot (2014). Forbidding fixed duration contracts. Unfolding the opposing effects with a multiagent model of the French labour market » - *AE 2014 - 10th Artificial Economics Conference*, Barcelona, September 1st-2nd, 2014.
27. G. Ballot, J.-D. Kant, et O. Goudet (2013a). A multi-agent model of the french labor market : WorkSim » *WEHIA 2013 - 18th Annual Workshop on Economic Science with Heterogeneous Interacting Agents* - Reykjavik University, Iceland - June 20-22, 2013.
28. G. Ballot, J.-D. Kant, et O. Goudet (2013b). Modeling both sides of the French labour market with adaptive agents under bounded rationality » *The 25th Annual Conference of the EAEPE (European Association for Evolutionary Political Economy),* Bobigny – November 2013.
29. K. Chapuis, J.-D. Kant (2014a). Computing Job Satisfaction from social comparisons : an agent-based approach », *Social Simulation Conference 2014 - 10th European Social Simulation Association Conference*, Barcelona.
30. K. Chapuis, J.-D. Kant (2014b). A multi-agent simulation to study the impact of cognitive profiles on job satisfaction. In *WCSS-14, Fifth World Congress on Social Simulation* , Sao Paulo, Brésil.
31. K.-L. Brousmiche, J.-D. Kant, N. Sabouret, S. Fournier, F. Prenot-Guinard (2014a). Modeling the impact of beliefs and communication on attitude dynamics: a cognitive agent-based approach », *Social Simulation Conference 2014 - 10th European Social Simulation Association Conference*, Barcelona.
32. K.-L. Brousmiche, J.-D. Kant, N. Sabouret, S. Fournier, F. Prenot-Guinard (2014b). The role of emotions on communication and attitude dynamics: an agent-based approach ». In *WCSS-14, Fifth World Congress on Social Simulation*, Sao Paulo, Brésil.
33. S. Thiriot, Z. Lewkovicz, P. Caillou et J.-D. Kant (2011). Referral hiring and labor markets: a computational study. In *Artificial economics: Agent-based methods in finance, game theory and their application*, Springer, The Hague.
34. S. Thiriot et J.-D. Kant (2010). A naturalistic multi-agent model of word-of mouth dynamics. *World Congress on Social Simulation* WCSS 2010.
35. S. Naciri, O. Gobet, J.-D. Kant, M.-J. Yoo et R. Glardon (2010). Elicitation of human decision making patterns in supply chains using participatory simulation. In *Third International Conference on Information Systems, Logistics and Supply Chain*, Casablanca, Maroc.
36. T. Béline et J.-D. Kant (2009). An Opinion Dynamics Model Using Attitudes on Individuals. In *ESSA 2009, European Social Simulation Association Conference*, Guilford, UK.

37. Z. Lewkovicz, D. Domingue et J.-D. Kant (2009). An agent-based simulation of the French labour market : studying age discrimination. In *ESSA 2009, European Social Simulation Association Conference*, Guilford, UK. ***Best Student Paper award***.

38. S. Thiriot et J.-D. Kant (2008b). Reproducing stylized facts of word-of-mouth with a naturalistic multi-agent model. In *WCSS-08, Second World Congress on Social Simulation* , Fairfax, USA.

39. S. Thiriot et J.-D. Kant (2008c). Generate country-scale networks of interaction from scattered statistics. *In ESSA 2008, European Social Simulation Association Conference*, Brescia, Italy.

40. J.-D. Kant and D. Domingue (2007). How multi-agent systems can be good for Behavioral Economics : a case study. *SABE 07 (International Conference on Behavioural Economics)*, New-York.

41. Z. Lewkovicz et J.-D. Kant (2007a). Introducing a new job contract into the Labor Market: an agent-based computational approach. *CIEF 2007 International Conference on Computational Intelligence in Economics & Finance 6th*, Salt Lake City.

42. Z. Lewkovicz et J.-D. Kant (2007b). A Multi-Agent System to model the Labor Market: simulating a new job contract introduction. In *ESSA 2007 Fourth European Social Simulation Association Conference*, Toulouse, pp.151-162.

43. S. Thiriot et J.-D. Kant (2007a). Representing beliefs as associative networks to simulate the diffusion of innovations. In *ESSA 2007 Fourth European Social Simulation Association Conference*, Toulouse, pp. 193-204.

44. J.-D. Kant and S. Thiriot (2006). Modelling one Human Decision Maker with a Multi-Agent System: the CODAGE approach » ***AAMAS 06*** *(Fifth International Joint Conference on Autonomous Agents and Multi-Agent Systems)*, pp. 50-57, May 8-12, Hakodate.

45. J.-D. Kant (2006). Anchoring and Adjustment within categorical judgments of saving schemes: a psychomimetic approach. *IAREP-SABE 06 (International Joint Conference on Behavioural Economics and Economic Psychology),* July 5-8, Paris.

46. S. Thiriot and J.-D. Kant (2006). A multi-agent cognitive framework to model human decision making under bounded rationality » *IAREP-SABE 06 (International Joint Conference on Behavioural Economics and Economic Psychology)*, Paris

47. J.-D. Kant and A. Lifchitz (2003). Web-R: a tool to record & replay personal web navigation » *12th International World Wide Web Conference (WWW2003)*, Budapest.

48. J.-D. Kant (1999). Modelling human cognition with artificial systems : some methodological considerations » HCP 99 (Human Centred Processes), P. Lenca ed. , pp. 501-508, Brest.

49. J.-D. Kant and D.S. Levine (1998). RALF : A simplified neural network model of rule formation in the prefrontal cortex » *3rd international conference on computational intelligence and neuroscience,* Research Triangle Park, USA, Proceedings of JCIS'98, Vol. II, pp. 8-14, October 1998.

50. J.-D. Kant (1998). Connectionist models for rule formation and decision making in context » *EURO XVI (16th European Conference on Operations Research)*, Bruxelles.

51. D. S. Levine and J.-D. Kant (1997). A neural network model of prefrontal cortex involvement in rule learning » *28th annual meeting of the society for neuroscience*, Los Angeles.
52. J.-D. Kant and D.S. Levine (1997). A neural network for decision making under the influence of reinforcement. In *ICNN 97 (IEEE International Conference on Neural Networks)*, vol. I, pages 558--563, Houston.
53. J.-D. Kant. A connectionist approach for the automatic extraction of categorization rules from symbolic data » in *Ordinal and Symbolic Data Analysis*, E. Diday, Y. Lechevallier et O. Opitz (eds.), pp. 157-166, Springer Verlag.
54. J.-D. Kant (1995). Categ_ART: a neural network for automatic extraction of expert categorization rules » Proceedings of *ICANN 95 (Fifth International Conference on Artificial Neural Networks)*, vol. 2, pp. 479-484, Paris.
55. J.-P. Barthélemy and J.-D. Kant (1996). From human categorization processes to classification and vice-versa » *Fifth Conference of the International Federation of Classification Societies (IFCS 96)*, Kobe
56. J.D. Kant (1995). A method for revealing preferences from human categorization rules using a connectionist network » *EURO XIV (14th European Conference on Operations Research)*, Jerusalem.
57. J.D. Kant (1995). The problem of the automatic extraction of human categorization rules from symbolic data: a connectionist approach » *OSDA 95 (international conference on Ordinal and Symbolic Data Analysis)*, Paris.
58. J.D. Kant, J. Le Drezen, J. Bigeon (1994), A method for electromagnetic field parallel computation using a neural network, *IEEE Conference on Electromagnetic Field Computation*, Aix-les-bains, Juillet 1994

National Conferences

59. G. Ballot, O. Goudet, J.-D. Kant (2017). Introduction d'un contrat intérim dans le marché du travail français : un modèle multi-agents. *14ème Conférence Annuelle TEPP - "Expérimentation & Evaluation des Politiques Publiques"*, Oct 2017, Angers, France
60. O. Goudet, G. Ballot, J.-D. Kant (2017). Simulation multi-agents de l'introduction du contrat intérim dans le marché du travail. *Journée MAGECO 2017 (Modèles basés Agents en Economie),* Lille, 15/12/17.
61. J.-D. Kant, O. Goudet, G. Ballot (2016). An ex ante evaluation of some effects of the Law El Khomri on the French labor market : An agent-based model. *Conférence interdisciplinaire TEPP « Evaluation des Politiques Publiques EEE (Education Emploi Environnement)*, St Denis de La Réunion.
62. O. Goudet, G. Ballot, J.-D. Kant (2015). Un modèle multi-agents du choix de contrat au sein du marché du travail français. *Colloque annuel TEPP (Travail, Emploi et Politiques Publiques)*. Paris.
63. O. Goudet, J.-D. Kant, G. Ballot (2014) : « Une endogénéisation des choix de contrats dans un modèle multi-agents du marché du travail français. *Journée MAGECO (Modèles basés Agents en Economie) 2014*, Paris, 28/11/14.

64. G. Ballot, J.-D. Kant, and O. Goudet (2013c). WorkSim, un simulateur multi-agents du marché du travail français » *Journée Expériences et perspectives de la micro-simulation, ACOSS, INSEE, ERUDITE*, Montreuil - 23 mai 2013

65. K.-L. Brousmiche, J.-D. Kant, N. Sabouret, S. Fournier, F. Prenot-Guinard (2014) – « Modélisation de l'impact des croyances et de la communication sur la formation et la dynamique des attitudes : une approche multi-agents », *Journées Francophones sur les Systèmes Multi-Agents*.

66. K. Chapuis, J.-D. Kant (2014). Un modèle multi-agents de la satisfaction au travail fondé sur des comparaisons sociales », *Journées Francophones sur les Systèmes Multi-Agents*.

67. G. Ballot, J.-D. Kant et O. Goudet (2013d). WorkSim, un simulateur multi-agents du marché du travail français. *Journée MAGECO (Modèles basés Agents en Economie) 2014*, Paris, 14/06/13.

68. S. Thiriot et J.-D. Kant (2007b). Représenter les croyances par des réseaux associatifs pour simuler la diffusion d'innovations. In *JFSMA 2007 Journées Francophones sur les Systèmes Multi-Agents*, Carcassonne.

69. A. Lifchitz and J.-D. Kant (2003). Web-R : pour la mémoire exhaustive de ma toile *» JFT'2003 (Journées Francophones de la Toile)*, Tours.

70. J.D. Kant, Extraction automatique de règles de catégorisation par un réseau connexionniste (1995), *Journées MODE (Mathématiques de l'Optimisation et de la DEcision)*, Brest, Mars 1995

71. J.D. Kant, Un réseau connexionniste pour l'acquisition automatique de règles de catégorisation d'expert (1995), *JAVA 95 (Journées Acquisition, Validation, Apprentissage)*, Grenoble, Avril 1995

72. J.D. Kant, P. Boldini, J.-P. Barthélemy (1993). Un modèle comportemental d'expert pour l'émergence de règles de décision, réalisation par un réseau connexioniste » *actes des journées LIFIA/ENST Formation des symboles dans les modèles de la cognition*, pp. 91-107, Grenoble,1993.

International Seminars

73. G. Ballot et J.-D. Kant (2017). An agent-based approach to evaluate the impact of economic dismissals facilitation on the French labor market. OECD Innovation Lab WorkShop « New perspectives on the labour market : policy applications using agent-based modelling », 29 Septembre 2017, Paris.

74. J.-D. Kant et G. Ballot (2017). WorkSim, an agent-based model to study labour markets. *INET (Institute for New Economic Thinking) Seminar,* Oxford University, 7 juin 2017, Oxford, UK.

75. J.-D. Kant et G. Ballot (2017). WorkSim, an agent-based model to study labour markets. *Economics research seminar, Kingston University*, 6 juin 2017, Londres, UK.

76. J.-D. Kant, G. Ballot et O. Goudet (2017). A multiagent approach to evaluate labor policies, *Bielefeld Universität,* 14 décembre 2016, Bielefeld, Allemagne.

77. J.-D. Kant (2013). A human-mimetic path to design cognitive software systems. *9th workshop NII/LIP6. 18 Novembre 2013*. Tokyo, Japon.

78. J.-D. Kant (2008). Modélisation et simulation multi-agents de phénomènes économiques et sociaux. *Séminaire EPFL (Ecole Polytechnique Fédérale de Lausanne)*. 26 juin 2008. Lausanne.

Posters and National Workshops

79. J.-D Kant (2019). A methodology to validate agent-based models. AFD Seminar (Agence Française pour le Développement), May 2019, Paris.
80. N. De Bufala et J.-D. Kant (2018), Une approche évolutionnaire pour la recherche de politiques optimales. *Journée MAGECO*, 7 décembre 2018, Paris.
81. J.-D. Kant (2017). Agent-based approaches to the study of human behaviors. *Journée "Modélisation, simulation et étude des comportements sociaux"* organisée par C. Imbert et V. Chevrier, 20 octobre 2017, Nancy.
82. O. Goudet, J._D. Kant, R. Reuillon (2015). Comparaison de méthodes de calibration d'une simulation multi-agents. *Workshop MAGECO*, 10 avril 2015, Paris.
83. O. Goudet, J._D. Kant, G. Ballot (2014). WorkSim, a multi-agent model of the French labor market with two types of contract. *10th workshop NII/LIP6*. 25 septembre 2014. Paris
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