



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 3994

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Filosofia**, Scientist- in - charge **Prof. Francesco Guala**

NIOCHE AURELIEN

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Nioche
Name	Aurélien
Date of birth	25/07/1986

PRESENT OCCUPATION

Appointment	Structure
PhD Student	Université Pierre et Marie Curie (Paris, France); ENS (Paris, France); Université de Bordeaux (Paris, France)

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Bachelor's degree	Musicology	Université François Rabelais (Tours, France)	2007
Bachelor's degree	Psychologie	Université Paris Descartes (Paris, France)	2012
Specialization	NA	NA	NA
PhD	Life Science (Specialization Cognitive Science)	Université Pierre et Marie Curie (Paris, France); ENS (Paris, France); Université de Bordeaux (Paris, France)	Defense planned for october 2018



		France)	
Master	Cognitive Science	ENS, EHESS, Université Paris-Descartes	2014
Degree of medical specialization	NA	NA	NA
Degree of European specialization	NA	NA	NA
Other	NA	NA	NA

REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
NA	NA	NA

FOREIGN LANGUAGES

Languages	Level of knowledge
English	Proficient
French	Mother tongue

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2014	PhD scholarship (Doctoral School ED3C, Université Pierre et Marie Curie, Paris, France)

TRAINING OR RESEARCH ACTIVITY

description of activity:

The purpose of the PhD project I'm completing is double: (i) enquire about the cognitive foundations of economics and (ii) reveal interaction effects between agents' cognitive abilities and economic structure. As a mean to fulfill this purpose, we use variate technics, from theoretical modeling and computer-based simulations to the conduct of experiments with humans and non-human primates (macaques). Under the various possible approaches to deal with this matter, we decided to focus on three case studies: (i) the cognitive bias in context of decision-making under risk in non-human primates, (ii) the minimal conditions required for money emergence understood as an agreement on a unique medium of exchange, (iii) the impact of cognitive characteristics both of firms and consumers on market structure in case of duopoly competition.

PROJECT ACTIVITY



Year	Project
2015 today	- ANR Macaque40 (5-years funding from The French National Research Agency)

PATENTS

Patent
NA

CONGRESSES AND SEMINARS

Date	Title	Place
2017	Monkeynomics: How do Rhesus Monkeys behave towards risk? Do they exhibit as most of human do - risk aversion for gains, risk seeking for losses and loss aversion?	7th Symposium on Biology of Decision Making (SBDM) 2017, Bordeaux, France
2017	Being or not being an ant. Case study: Money emergence.	7th Symposium on Biology of Decision Making (SBDM), Bordeaux, France
2016	Implications of minimal information and limited computational abilities on money emergence	6th Symposium on Biology of Decision Making (SBDM), Paris, France
2015 - 2016	Working group on free-will organized by Dr. Jean-Bapiste Guillon & Pr. Claudine Tiercelin (chair of Philosophy and Metaphysics of the Collège de France)	Collège de France, Paris, France.
2015	Attitudes réactives et déterminisme: une approche expérimentale [Reactive attitudes and determinism: an experimental approach]	Symposium of the Francophone Society of Analytic Philosophy (SoPhA), Montreal, Canada
2015	Money emergence with virtual agents	Symposium of the French Society of Neurosciences (SdN), Montpellier, France
2015	Money emergence with virtual agents	5th Symposium on Biology of Decision Making (SBDM), Paris, France
2013	Reactive attitudes and ascriptions of moral responsibility: an empirical investigation	4th Workshop of the Experimental Philosophy Group UK, Bristol, UK.

PUBLICATIONS

Books
[Chapter] Nioche, A., Cova, F. & Egré, P. (2017). Les attitudes réactives et le déterminisme : une étude expérimentale [Reactive attitudes and determinism: An experimental study]. In Guillon, J.B. (dir.) (2017). Le libre arbitre: Perspectives contemporaines. Paris : Collège de France. https://books.openedition.org/cdf/4981
[Chapter] Nioche, A. (2017). Exercer son libre arbitre : un processus décisionnel [Exercise his free-will: A decision-making process]. In Guillon, J.B. (dir.) Le libre arbitre: Perspectives contemporaines. Paris : Collège de France. https://books.openedition.org/cdf/4965



Articles in reviews
Nioche, A., Bourgeois-Gironde, S. & Boraud, T. (2018). <i>When rhesus monkeys play lotteries: An asymmetry of treatment between gain and loss</i> . Submitted.
Nioche*, A., Garcia*, B., Boraud T., Rougier, N. P. & Bourgeois-Gironde, S. (2018). <i>Induction of a non-competitive behavior in a duopoly</i> . Under review.
Bourdenx*, M., Nioche*, A., Dovero* S., Arotcarena, M.-L., Camus, S., Porras, G., Thiolat, M.-L., Rougier, N. P., Prigent, A., Aubert, P., Bohic, S., Kruse, N., Mollenhauer, B., Novello, S., Morari, M., Leste-Lasserre, T., Trigo Damas, I., Goillandeau, M., Perier, C., Garcia-Carrillo, N., Estrada, C., Recasens, A., Blesa, J., Trinidad Herrero, M., Derkinderen, P., Vila, M., Obeso, J. A., Dehay, B. & Bezard, E. Primate-specific susceptibility to neurodegeneration and synucleinopathy induced by patient-derived alpha-synuclein extracts. Under review
Lefebvre, G., Nioche, A., Bourgeois-Gironde, S., Palminteri, S. (2018). <i>An empirical investigation of the emergence of money: Contrasting temporal difference and opportunity cost reinforcement learning</i> . Under review.

Congress proceedings
NA

OTHER INFORMATION

NA

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Bordeaux, 11 July 2018

SIGNATURE