

Curriculum Vitae – Lise Arena

Associate Professor (Maître de Conférences)
Université Côte d'Azur, CNRS, GREDEG

Research: GREDEG, UMR 7321, University of Nice - Sophia Antipolis (UNS)/ CNRS, 250 rue Albert Einstein, Bâtiment 2, 06560 Sophia-Antipolis, France

Teaching : ISEM, Campus de SJA, 24, Avenue des Diables Bleus, 06357, Nice, France

DoB : 18/02/1983; **E-mail:** lise.arena@gredeg.cnrs.fr

Research interests

Management of Information Systems
History of Management
Organizational Change
Management and Interdisciplinary Approach

EDUCATION

Management and Economics (UNS, France)

- Qualification by the French Ministry of Research and Education (reviewers: F. Rowe, A. Mazars-Chapelon)
- Ph.D. in Management (2009) – with highest Distinction and the FNEGE National Prize (co-directed by G. Solle, E. Lorenz/ Ph.D. panel: F.-X. de Vaujany, T. Durand, G. Schmidt, R. Teller)
[[Review](#) by B. Fallery, (2010), *Systèmes d'information et Management*, Vol. 3, pp. 118-119]
- M.Phil. in Economics and Management (2005) – with highest Distinction (Ranked 1st)

Modern History (University of Oxford, United Kingdom)

- D.Phil. in Modern History (2011) – No Distinction awarded to this degree (co-directed by J. Humphries and N. Dimsdale/ Ph.D. panel: W. Lazonick, K. Mayhew)
- M.Sc. in Economic and Social History (2004) – M.Sc. Thesis awarded with highest Distinction

ACADEMIC POSITIONS

National

- 2016-2017 : CNRS Research Leave (Accueil en délégation CNRS)
- Since 2016 : Elected Board Member, Association pour l'Histoire du Management et des Organisations
- Since 2015 : Elected member to the National Council of Universities ([CNU](#)), section 06

UNS-UCA

- Since 2017 : Director of the M.Sc. “Digital Transformation and IoT Consulting” (IDEX)
- Since 2016 : Director of the M.Phil. in “[Digital Economics and E-Business](#)”, ISEM
- Since 2015 : Elected member to the Scientific Board of [University Côte d'Azur](#)
- Since 2015 : Co-director of the MSc. in “[Innovation, digitalization and territorial development](#)”, ISEM
- Since 2014 : Co-head of the Research Programme “[Technologies numériques, Usages et Communautés](#)” MSHS Sud-Est
- 2012-2016 : Elected member of the Human Resources Committee (CPRH Section 06)
- 2012-2016 : Co-director of the BA (Licence) program ‘Administration Economique et Sociale’
- Since 2010 : Associate Professor (Section 06)
- 2008-2010 : Research and teaching associate (ATER) in Management
- 2005-2008 : Research and teaching assistant (Allocataire Moniteur) in Management

University of Oxford

- 2009-2012 : Academic visitor and international research associate at the Saïd Business School
- 2009-2011 : Research assistant for Prof. Colin Mayer, Dean of the Saïd Business School
- 2007-2010 : Lecturer and tutor in economics and history

PUBLICATIONS

BOOKS

2017 (forthcoming)

- Arena L., *Management des systèmes d'information et de la transformation digitale*, Economica, Paris, (in progress).

2013

- Arena L., [Edith Penrose et la croissance des entreprises](#), 104 p., ENS Editions, Ecole Normale Supérieure.
[[Review](#) by Arnould G. (2014), (online), *Les comptes-rendus*, 2014]

BOOK CHAPTERS

Under review

- Arena L., Douai A., “From a “Family Affair” to a “Ziggurat”: Institutional Logics, Materiality and History”, in deVaujany F.X., Adrot A., Boxenbaum E., Leca B., *Institution and Materiality*, Palgrave Macmillan
- Allal-Cherif O., Arena L., “Etienne Wenger”, *Les grands auteurs en management des systèmes d'information*, EMS Editions, Collection Management et Société.
- Félix C., Arena L., Conein B., “Bridging the Gap between Organizational Institutionalism and Situated Action: A Video-based Analysis of a Simulation-based Device in Healthcare”, in deVaujany F.X., Adrot A., Boxenbaum E., Leca B., *Institution and Materiality*, Palgrave Macmillan

2017

- Arena L., « Economie collaborative, formes d'organisations et de travail : Opportunités et risques d'un pseudo-nouveau paradigme en management », in Parachkevova I. et Teller M., *Quelles régulations pour l'économie collaborative ? Un défi pour le droit économique*, Dalloz, pp. 13-23.

2016

- Veryzhenko I., Arena L., Harb E., Oriol N., “[A Reexamination of High-Frequency Trading Regulation Effectiveness in an Artificial Market Framework](#)”, *Trends in Practical Applications of Scalable Multi-Agent Systems, the PAAMS Collection*, pp. 15-25.

2012

- Arena L., Molloy E., « The Governance Paradox in Megaprojects », in Lehman V. (Ed.), *Communication et Grands Projets : Les Nouveaux défis*, Presses Universitaires du Québec : 151-172

2010

- Arena L., « The Marshallian Tradition of Industrial Economics in Oxford (1947-1979): From Andrews' Contribution to the Emergence of Industrial Organization and Business Studies », in T. Raffaelli, T. Nishizawa and S. Cook, *Marshall and Marshallians on Industrial Economics*, Routledge

ARTICLES IN PEER-REVIEWED JOURNALS

2018

- Arena L., Oriol N., Veryzhenko N., “Too Fast, Too Furious? Trading algorithmique et instabilité des marchés financiers”, *Systèmes d'Information et Management*, [CNRS : 2], (accepté, à paraître).

2017

- Arena L., Minkes L., “[The Virtues of Dialogue between Academics and Businessmen](#)”, *Business History*, [CNRS: 2].
- Veryzhenko I., Arena L., Harb E., Oriol N., “[Time to Slow-Down for High-frequency Trading? Lessons from Artificial Markets](#)”, *Intelligent Systems in Accounting, Finance and Management*, Vol. 24, pp. 73-79.

2014

- Arena L., « [The Evolution of Labour Welfare after the Birth of Scientific Management: 'Economics of Fatigue and Unrest' Revisited](#) », *History of Economic Ideas*, [CNRS: 3], 22(1): 85-110

2013

- Arena L., Oriol N., Pastorelli I., « [Systèmes d'information et gestion du couple performance/ sécurité: Trajectoires comparées de trois situations extrêmes](#) », *Systèmes d'Information et Management* [CNRS: 2], 1(18): 87-123
- Arena L., Dimsdale N.H.D., « Economic History in Oxford: A Centennial Celebration », [The Centennial Issue of the Discussion Papers in Economic and Social History](#), *Discussion Papers in Economic and Social History*, University of Oxford

2011

- Arena L., Dang R., « [A propos du développement de deux business schools d'élite au Royaume-Uni: Une comparaison entre Oxford et Cambridge \(1900-2000\)](#) », *Entreprises et Histoire* [CNRS: 4], 65(4) : 60-82.

[‘Selected international abstract’ in *Business History Review*, 2012, 86(3): 563-567]

- Arena L., « [Les modèles nationaux d'enseignement de la gestion d'entreprise: Formes de capitalisme et modes d'organisation](#) », *Entreprises et Histoire* [CNRS: 4], 65(4): 6-10

2008

- Arena L., Solle G., « [Apprentissage organisationnel et contrôle de gestion: Une lecture possible de l'ABC/ABM?](#) », *Comptabilité Contrôle Audit*, [CNRS: 2], 14(4): 67-85
- Arena L., « [Industrial Organization: The Oxford Influence \(1952-1979\)](#) », *Oxonomics*, Blackwell Publishing, 3(1): 30-35

BOOK REVIEWS AND GUEST EDITOR (IN PEER-REVIEWED JOURNALS)

2015

- Arena L., « [Book Review – The Impact of Alfred Marshall’s Ideas: The Global Diffusion of his Work, \(2010\), edited by T. Raffaelli, G. Becattini, K. Caldari, M. Dardi, Edward Elgar](#) », *Journal of the History of Economic Thought*, 37(4): 670-674 [CNRS: 2]

2012

- Arena L., « [Book Review –The Minor Marshallians and Alfred Marshall: An Evaluation](#) », *Marshall Studies Bulletin*, Volume 13: 1-7

2011

- In charge of conception, coordination and direction of the special issue «[Institutionnaliser et internationaliser l’enseignement de la gestion](#)», *Entreprises et Histoire*, 65(4)

MISC. (IN PEER-REVIEWED JOURNALS)

2011

- Arena L., Godelier E., (coord.), « [La France et les pays anglo-saxons face au développement de la gestion](#) », Rubrique débat with Daniel Atlan, Alain Burlaud, Thomas Durand, Leslie Hannah and Colin Mayer, *Entreprises et Histoire*, 65(4) : 96-113
- Arena L., (coord.), « [Ashley Raeburn et l’enseignement de la gestion à Oxford](#) », Rubrique Document, *Entreprises et Histoire*, 65(4) : 114-124
- Arena L., (coord.), « [Gourmet’s Oxford : Des cours de cuisine britannique dans une école de gestion](#) », Rubrique Clin d’œil, *Entreprises et Histoire*, 65(4) : 139-141

PROCEEDINGS, INVITED CONFERENCES AND SEMINARS

CONTRIBUTION TO CONFERENCES AND PROCEEDINGS

2017

- Arena L., Oriol N., Veryzhenko I., “Exploring stock markets crashes as socio-technical failures”, *22nd Conférence de l’AIM*
- Arena L., Théroouanne P., “Synthèse des grands paradigmes sur l’acceptabilité des objets connectés en SHS”, “L’acceptabilité en questions”, Workshop pluridisciplinaire, MSHS Sud-Est

2016

- Arena L., Douai A., “Understanding the Establishment of Management Education in Oxford: The Role of Materiality in Institutional Change”, *Organizations, Artifacts and Practices (OAP2016)*
- Félix C., Arena L., Conein B., “Institutional Plans versus Situated Actions: A Video-based Case of Simulation in Health Care”, *Organizations, Artifacts and Practices (OAP2016)*
- Veryzhenko I., Arena L., Harb E., Oriol N., « High-Frequency Trading Regulation and Market Quality: An Agent-based Approach », *14th International Conference on Practical Applications of Agents and Multi-Agent Systems (PAAMS), « Agents Behaviour and Artificial Markets »*
- Arena L., Minkes A.L., « The Virtues of Dialogue between Academic and Business (wo)Men: A Historical Retrospect », *21st Journées de l’Histoire du Management et des Organisations*.

2015

- Arena L., Dang R., « Organizational Creativity versus Vested Interests: The Role of Academic Entrepreneurs in the Emergence of Oxbridge Business Schools », *10th Organization Studies Workshop ‘Organizational Creativity, Play and Entrepreneurship’*.

2014

- Arena L., Oriol N., Veryzhenko I., « Algorithmic Trading and Flash Crashes : Emergence and Regulation of Coordination Failures on Financial Markets », *11th International Conference on the Design of Cooperative Systems (COOP 2014)*
- Arena L., Oriol N., Veryzhenko I., « Flash crash et trading haute-fréquence : Le rôle des algorithmes dans l’instabilité boursière », *XIX^{ème} Conférence de l’AIM*

2012

- Arena L., « Coordinating a Virtual Team under Uncertainty and Time Pressure : The Case of an Antarctica Expedition », *7th Organization Studies Workshop ‘Organizations as Spaces of Work’*

2011

- Arena L., Solle G., « Comment conduire le changement induit par un mégaprojet SI dans une organisation faiblement couplée ? Le cas des Universités Françaises », *Conférence de l'AIM*
 - Arena L., Bérard C., « La simulation : Une double utilité en sciences de gestion », *XXème Conférence de l'AIMS*
- 2010**
- Arena L., Molloy E., « The Governance Paradox in Megaprojects », Actes du Colloque « *Communication et grands projets : Etat des savoirs et perspectives* », *Entretiens Jacques Cartier*
 - Arena L., Dang R., « Learning lessons from the past: A historical exploration of a century of business education at Oxford and Cambridge (1900s-2000s) », *Management History Research Group Conference*, School of Management, University of St Andrews (Scotland)
- 2009**
- Arena L., « The Emergence of Organisation Studies in Oxford (1949-1983): A Historical Unintended Ironic Consequence? », *25th European Group for Organizational Studies (EGOS) Colloquium*
 - Arena L., « Understanding the IS Experience Cycle: A Model of ERP Implementation », *14th UKAIS Annual Conference: Positive Information Systems*, *AIS e-Library*
- 2008**
- Arena L., « Simulating the Implementation of Business Information Systems: The Case of Enterprise Resource Planning », *5th International Conference on Innovation and Management (ICIM 2008)*
 - Arena L., « Le poids des processus d'apprentissage dans les décisions d'adoption d'une technologie : Une approche intégrative », *XVIIème Conférence de l'AIMS*

INVITED CONFERENCES AND SEMINARS

- 2017**
- Arena L., « Artefacts informationnels, espaces de travail et émergence de routines », with B. Conein et C. Félix, Research seminar of Dauphine Recherche en Management, University Paris Dauphine
- 2016**
- Arena L., « Le point de vue des sciences de gestion », contribution to the workshop « Quelles régulations pour l'économie collaborative ? » (organised by M. Teller and I. Parechkova), Faculté de Droit, Université Nice Sophia-Antipolis, décembre
 - Arena L. (with F. Gandon, DR at INRIA), « Dans l'esprit du Pagerank: Regards croisés sur les algorithmes », invitation au 1^{er} séminaire de « Regards Croisés », workshop organized by A. Monnin and M. Boutet, UCA, may
- 2013**
- Arena L., « Coordinating an Ambidextrous Virtual Organization: The Case of an Antarctica Expedition », Contribution au Séminaire '*Knowledge and Organisational Learning*', School of Management, Royal Holloway, University of London (invited by Prof. Alice Lam), may
 - Arena L., « 'The Evolution of Labour Welfare After the Birth of Scientific Management: 'Economics of Fatigue and Unrest' Revisited », Contribution au Workshop '*Welfare Economics and the Welfare State: Historical Re-examination*', (invited by Prof. Tamotsu Nishozawa), Hitosubashi University, Tokyo, Japan, march
- 2008**
- Arena L., « The Emergence of Business Studies in Oxford University: 1950 – 1983 », contribution to the 4ème Séminaire Annuel de Printemps '*History of Economics as History of Science*', ENS, Cachan, France, june
 - Arena L., « The Marshallian Tradition and the Theory of the Firm in Oxford: 1940s-1970s », contribution to the conference '*Alfred Marshall, the Marshallians and Industrial Economics*', Institute of Economic Research, Université d'Hitotsubashi, Tokyo, Japan, march

RESEARCH ADMINISTRATION

WORKSHOPS (CONCEPTION, ORGANIZATION AND CHAIRMAN)

- 2017**
- Convenor – conception and organization – (with A. Festré (GREDEG, UCA), A. Giboin (I3S-INRIA, UCA) and P. Thérouanne (LAPCOS, UCA)) of the pluridisciplinary workshop "[L'acceptabilité en questions](#)", MSHS Sud-Est, 2nd February
- 2016**
- Chairman – Table ronde "[L'Internet des Objets: Evolution ou Révolution](#)", 3rd Ecole d'Eté du Numérique (3EN), 30th and 31st May

- Conception (with T. Durand (CNAM) and in collaboration with JC. Spender (Kozminski University, Poland)) of the special track: « Beyond the American Utopia: Early Emergence of European Management Education in the 18th and 19th centuries »; contribution to the 21st Journées de l'[Association pour l'Histoire du Management et des Organisations](#), 18th march

Since 2015

- Convenor – conception and organization – (with A. Monnin (INRIA/I3S, wimmics) and B. Conein (GREDEG, UNS) of the seminar series “Digital Artifacts and Materialities”, MSHS Sud-Est.

2015-2014

- Convenor - conception and organization - (with P. Thérouanne (LAPCOS, UNS)) of the workshop « [Acceptabilité des dispositifs numériques : Une approche interdisciplinaire](#) », MSHS Sud-Est, 7th april 2015
- Convenor - conception and organization - (with B. Conein (GREDEG, UNS) and A. Giboin (INRIA/I3S)) of the workshop ‘[The Role of Artifacts in Social Coordination](#)’; contribution to the 11th International Conference on Design of Cooperative Systems, 27th may 2014

ANR RESEARCH PROJECT AND SCIENTIFIC COMMITTEES

2017

- Member of the project « Smart IoT – Towards Automation of Value Chains by Adopting Smart Contracts within IoT Platforms », submitted to the ANR and selected in the first round (currently reviewed for the final selection)
- Member of the scientific committee of the AIM Paris 2017 « Faire face à la complexité dans un monde numérisé », Skema Business School.

2016

- Member of the scientific committee of the academy of excellence “information, networks and digital society”, IDEX UCA JEDI (since 2016)

2015

- Member of the scientific committee of the workshop « [Soc-IO-Psy – L’ingénierie des ontologies au regard de la sociologie et des psychologies](#) », 26th Journées francophones d’Ingénierie des connaissances – 30th june
- Member of the scientific committee of the workshop “[Green and Sustainable Innovations in Smart Cities: Business Models and EcoSystems](#)” – 6th mars 2015

2011-2015

- Member of the scientific project [ANR LEDEPAGOD](#) coordinated by Prof. G. Koenig (other participants: Prof. F. Allard-Poesi, Prof. Y. Giordano)

2013

- Member of the scientific committee of the workshop « Capacités dynamiques et Innovation », Groupe Thématique AIMS – 2013

REFEREE AND EXPERTISE ACTIVITIES

- Scientific expert for the Agence Nationale de la Recherche – Sessions 2015 and 2016
- Ad-hoc referee: *Management and Organizational History*, *Systèmes d’Information et Management*, *Journal of Evolutionary Economics*, *American Journal of Economics and Sociology*, *Revue d’Economie Industrielle*, *International Journal of Simulation and Process Modeling*, *Journal of the Oxford University History Society*, AIMS, AIM and JHMO conferences

TEACHING ADMINISTRATION AND LECTURES

TEACHING ADMINISTRATION

- Member of the teaching programs committee (commission formation) at the conseil académique UCA – since 2016
- Conception of the Master “Innovation, Numérisation and Développement Territorial” – 2015
- Member of the University Library Commission in Economics and Management – since 2012
- Consultant for the International Baccalaureate Organization (Production of a report on the evaluation of courses in Economics and Management for the IBO) – 2010

LECTURES

UCA

Academic year	Course	Audience
Since 2017	<i>Historical Methods</i> (6h)	DU “Research in Management and Innovation”
Since 2016	<i>Digital Changes in Smart Cities and New Business Models</i> (10h) – Flipped classroom	M.Sc. “Engineers for Smart Cities”, IMREDD

UNS (In french)

Academic year	Course	Audience
Since 2017	<i>Management of digital transformation</i> (12h)	1 st year M.Phil. in MIAGE, Polytech Nice
Since 2015	<i>Management Basics – MIS</i> (3h) – Flipped classroom	1 st year BA in Economics and Management, ISEM
Since 2015	<i>Management of digital changes</i> (15h)	2 nd year M.Phil. in ICT Economics and E-business Consulting, ISEM
Since 2014	<i>Information Systems and Business Intelligence</i> (20h)	1 st year M.Phil. in Innovation, Information Systems and Territorial development, ISEM
Since 2010	<i>Information Systems Management</i> (20h)	3 rd year undergraduates in Economics and Management, ISEM
Since 2008	<i>ICT and Information Systems</i> (30h)	3 rd year undergraduates in Law, Economics and Management, ISEM
2012-2016	<i>Digital artefacts and organization</i> (20h)	2 nd year M.Phil. in Behavioural Economics, Knowledge and Organisation, ISEM
2010-2011	<i>Simulation and Modelling</i> (6h)	2 nd year M.Phil. in Management, IAE
2006-2008	<i>Managerial Economics</i>	Tutorials - 3 rd year undergraduates in Economics and Management

UNS (In English)

Academic year	Course	Audience
2010-2016	<i>The Firm and its Environment</i> (24h)	1 st year (2010-2011) and 2 nd year (since 2011) undergraduates – Economics and Management Studies, ISEM
2007-2014	<i>Economics for Managers</i> (40h)	GDBA-MBA (joint course with the University of San Francisco), IAE

UNIVERSITY OF OXFORD

Academic years	Course	Audience
2007-2008	<i>Classical Economic Thought</i> (20h)	3 rd year undergraduates – Economics Dep. and Saïd Business School
2006-2010	<i>Economics for Non-Economists</i> (40h)	M.Sc. and 1 st year M.Phil., History Department

DISTINCTIONS

2010

- Laureate of the Robert Reix Ph.D. Prize (Information Systems Management) awarded by the French Foundation for Management Education ([FNEGE](#))
- Oriel College Graduate Travel Grant, Oxford

2009

- First Prize for the best presentation, 1st Interdisciplinary Conference, Oriel College, Oxford
- Oriel College Graduate Academic Travel Grant, Oxford

2008

- Robert MacDonald Research Travel Prize, Oxford