

JEAN-PHILIPPE MAGUÉ

Associate Professor in linguistics and digital humanities at ENS de Lyon

CONTACT

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ACADEMIC POSITIONS AND AFFILIATIONS

2009-	Associate Professor in linguistics and digital humanities
present	ENS de Lyon, ICAR lab
2020-	Deputy Director
present	Rhône-Alpes Complex Systems Institute (IXXI)
2018-	Deputy Director
present	Education and Digital Humanities Department , ENS Lyon
2017-	Visiting scientist at Johns Hopkins University, Center for Astrophysical Sciences
present	
2016-	Member of the executive committee
present	Excellence Laboratory for Advanced Studies on Language Complexity (Aslan)
2017	Visiting scholar at INRIA, Dante Team
2016	Visiting scholar at CNRS, ICAR Lab
2012-	Member of the executive committee
2019	Rhône-Alpes Complex Systems Institute (IXXI)
2009	Postdoc , ENS de Lyon, ICAR lab.
2008	R&D Engineer , KSL , Charbonnière-les-bains.
2007	Postdoc , Projet CL² , Lyon 2 University, DDL Lab.
2006	Postdoc , Department of Linguistics, University of Chicago, Chicago, IL, USA.
2005	ATER , IUP Documentation d'entreprise, réseaux et image, Bourgogne University, Dijon.
2003	Visiting scholar , Linguistics Department, University of California, Berkeley, CA, USA.

EDUCATION

2005	PhD Cognitive Science , Lyon 2 University
2001	M.S Cognitive Science , Lyon 2 University
2001	M.S Computer Science , Grenoble 1 University
1998	B.S Mathematics Paris 11 University

TEACHING

2018 – present	Datamining , ENS de Lyon
2018 – present	Natural language processing , ENS de Lyon
2012 – present	History and current issues of the Internet , ENS de Lyon

2012 – present	Project management , ENS de Lyon
2010 – present	Introduction to Python , ENS de Lyon
2012 – present	Current issues in Digital Humanities , ENS de Lyon
2018 – 2019	Technologies for the web , ENS de Lyon
2015 – 2017	<u>Mooc Information architecture.</u>
2016	Digital Editing and Publishing , ENS de Lyon
2012 – 2015	Textual data management , ENS de Lyon
2014	Digital collections management , B.A. Cultural Heritage, UGB, St Louis, Senegal
2009 – 2012	Digital editions for humanities , ENS de Lyon
2009 – 2010	Textual corpus analysis , ENS de Lyon
2009 – 2011	Readings in linguistics , ENS de Lyon
2004 – 2005	Digital document management , Bourgogne University
2004 – 2005	Database , Bourgogne University
2004 – 2005	Algorithms and data structures , Bourgogne University
2004 – 2005	HTLM and web technologies , Bourgogne University
2002 – 2003	Introduction to semantics , Lyon 2 University
2002 – 2003	Algorithms and data structures , Lyon 1 University

PUBLICATIONS

2022	Jean-Philippe Magué. Intelligence artificielle, représentations sociales et biais. Équité, diversité et inclusion dans un contexte numérique, Entretiens Jacques Cartier 2022, Nov 2022, Ottawa, Canada
2022	Jean-Philippe Magué, Louise Tarrade, Jean-Pierre Chevrot, Mélanie Veloso. Using AI for doing sociolinguistics? Representations of gendered social cues in neural networks Sociolinguistics Symposium 24, Jul 2022, Ghent, Belgium
2022	Louise Tarrade, Jean-Philippe Magué, Jean-Pierre Chevrot. Detecting and categorizing lexical innovations in a corpus of tweets Psychology of Language and Communication, 2022, 26, pp.313-329.
2021	Louise Tarrade, Jean-Pierre Chevrot, Jean-Philippe Magué. Buzz or Change: How the Social Network Structure Conditions the Fate of Lexical Innovations on Twitter. 8th Conference on CMC and Social Media Corpora for the Humanities (CMC-Corpora 2021), Oct 2021, Nijmegen, Radboud University, Netherlands.
2020	Jean-Philippe Magué, Nathalie Rossi-Gensane et Pierre Halté, « De la segmentation dans les tweets : signes de ponctuation, connecteurs, émoticônes et émojis », Corpus
2019	Jean-Pierre Chevrot, Jacob Levy Abitbol, Márton Karsai, Jean-Philippe Magué, Eric Fleury. Variations du (ne) négatif du français dans Twitter. Que peut apporter l'étude des données massives aux questions de sociolinguistique ?. CILPR 2019 - XXIXe Congrès international de linguistique et de philologie romanes, Jul 2019, Copenhagen, Danemark.
2018	Jacobo Levy Abitbol, Márton Karsai, Jean-Pierre Chevrot, Jean-Philippe Magué, Éric Fleury. Socioeconomic and network dependencies of linguistic patterns in Twitter. IC2S2 2018 - 4th Annual International Conference on Computational Social Science, Jul 2018, Evanston, Illinois, United States
2018	Jacobo Levy Abitbol, Márton Karsai, <u>Jean-Philippe Magué</u> , Jean-Pierre Chevrot, Eric Fleury. Socioeconomic dependencies of linguistic patterns in Twitter: a multivariate analysis. The Web Conference 2018, Apr 2018, Lyon, France.
2017	Jacobo Levy Abitbol, Jean-Pierre Chevrot, Márton Karsai, Jean-Philippe Magué, Yannick Léo et al. The optional realization of the French negative particle (ne) on Twitter: Space, status and time. New Ways of Analyzing Variation 46, Nov 2017, Madison, United States
2017	Jacobo Levy Abitbol, Márton Karsai, Jean-Pierre Chevrot, <u>Jean-Philippe Magué</u> , Eric Fleury. Socioeconomic and network dependencies of linguistic patterns in Twitter. COMPLEX NETWORKS 2017 - 6th International Conference on Complex Networks and Their Applications, Nov 2017, Lyon, France
2017	Jacobo Levy Abitbol, Márton Karsai, Jean-Pierre Chevrot, <u>Jean-Philippe Magué</u> , Eric Fleury. How social, economic and demographic forces shape linguistic variation on Twitter. POPLANG 2017 - Workshop Population

effects on languages: Modelling population dynamics and language transmission from the perspective of language learning, contact and change, Nov 2017, Lyon, France.

- 2017** Jacobo Levy Abitbol, Márton Karsai, Jean-Philippe Magué, Jean-Pierre Chevrot, Eric Fleury. Optional realisation of the French negative particle (ne) on Twitter: Can big data reveal new sociolinguistic patterns? CCS 2017 - Conference on Complex Systems , Sep 2017, Cancun, Mexico
- 2017** Paul Mangold, Yannick Léo, Jean-Pierre Chevrot, Eric Fleury, Márton Karsai, Magué JP, Nardy A, Peuvergne J, Optional realization of the French negative particule (ne) on Twitter: Can big data reveal new sociolinguistic patterns? ICLAVE 9 2017 - International Conference on Language Variation in Europe, Jun 2017, Malaga, Spain
- 2016** Thibert C, Zeynaligargari S, Quignard M, Magué JP. *Do You Tweet Like You Write or Like You Speak ?: Part of Speech Distribution of French Speaking Communities in Twitter*. IC2S2 : 2nd Annual International Conference on Computational Social Science, Evanston, United States. 2016,
- 2016** Thibert C, Magué JP, Fleury E, Karsai M, Quignard M. Dialectal Characterization of Linguistics Variability on Twitter. Data Driven Approach to Network and Language, Lyon, France. 2016,
- 2016** Thibert C,, Magué JP. Twitter as Corpus for Sociolinguistic Variationist Studies : Challenges of Using Sketchy Data. In Using Twitter for Linguistic Studies : Benefits and Difficulties. Canterbury, United Kingdom: Kent University.
- 2015** Magué JP, Fleury E, Karsai M, Quignard M. *Dialectal characterization of linguistics variability on Twitter*. 1st International Conference on Twitter for Research, Lyon, France.
- 2015** Chevrot, J.-P., Nardy, A., Fleury, E., Karsai, M., Magué, J.-P. Sociolinguistique et sciences cognitives: l'individu, le collectif et le réseau. Journées FLORaL-PFC 2015 : la base de données Phonologie du Français Contemporain dans le champ phonologique
- 2015** Château E., Beaugiraud V., Boschetto S., Boulai C., Gedzelman S., Ingara M., Jallud, P.-Y., Morlok E., PONS P., SAÏDI, S. , Magué J.-P. *SynopsX A Lightweight Xquery-Based Framework to Easily Publish and Expose XML Corpora*. Text Encoding Initiative, Conference and members meeting, Lyon, France.
- 2015** Magué, J.-P., Fleury F., Karsai M., Quignard, M. *Dialectal characterization of linguistics variability on Twitter*. ICCSS 2015, Helsinki, Finland.
- 2015** Magué, J.-P., Fleury F., Karsai M., Quignard, M. *Social, geographical and linguistic structure of the French speaking Twitter community*, NetSci2015, Zaragoza, Spain.
- 2015** Magué, J.-P., Mabillet V. *Construire un site*. In Jean-Michel Salaün; Benoît Habert (Eds). *Architecture de l'information : Méthodes, outils, enjeux*. De Boeck.
- 2015** Magué, J.-P., Fleury F., Karsai M., Quignard, M.. *Caractérisation dialectale de variabilité linguistique sur Twitter* Language, Cognition and Society (AFLiCo 6), Grenoble, France
- 2014** Magué, J.-P. *Les protocoles d'Internet et du web*. In Sinatra, M & Vitali-Rosati, M. Pratiques de l'édition numérique, Presses de l'Université de Montréal, pp.129-144.
- 2012** Mille A., Magué J.-P. : *Le Web : la révélation documentaire ?*. In Stiegler, B. Confiance, croyance, crédit dans les mondes industriels, fyp editions, 2012, Nouveau monde industriel
- 2011** Magué, J.-P. *Amalia : Integrated access to digital data and documents in the humanities and social sciences*. EsciDoc Days 2011, Berlin.
- 2011** Beaugiraud V., Gedzelman S., Ingara M., Magué J.-P., Saïdi S. *Amalia : an eSciDoc based solution to manage the production, processing and publishing workflows of TEI data*. TEI2011, Würzburg.
- 2011** Loiseau S., Gréa P. & Magué J.-P. *Dictionnaires, théorie des graphes et structures lexicales*, Revue de sémantique et de pragmatique.
- 2010** Heiden S., Magué J.-P., Pincemin B.. *TXM : Une plateforme logicielle open-source pour la textométrie – conception et développement*. In Bolasco S., Chiari I., Giuliano L.(eds), *Statistical Analysis of Textual Data - Proceedings of 10th International Conference JADT 2010*, Edizioni Universitarie di Lettere Economia Diritto..
- 2007** Magué, J.-P. *On the importance of population structure in computational models of language evolution*. Proceedings of the 31st Pennsylvania Linguistic Colloquium.
- 2006** Magué, J.-P. *Semantic change in Apparent Time*. Proceedings of the 32nd meeting of the BLS. Berkeley, CA: Berkeley Linguistics Society.
- 2005** Magué, J.-P. *From Changes in the World to Changes in the Words: Lexical Adaptation*. In Gontier, N., Van Bendegem, J.-P., and Aerts, D. EELC – A nonadaptationist systems theoretical approach. Springer.
- 2004** Grataloup, C., Magué, J.-P. & Meunier, F. *Noun ending and gender predictability in French*. The Fourth International Conference on the Mental Lexicon, Windsor, Ontario, Canada. (Communication affichée).
- 2003** Grataloup, C., Magué, J.-P. & Meunier, F. *Noun ending predictability in French*. Conference of the European Society for Cognitive Psychology, Granada, Spain. (Communication affichée).

2002 Magué, J.-P. *Emergence in a population of agents of a lexicon based on an individual conceptualization.* Annual meeting of the European Society for Philosophy and Psychology, Lyon, France. (Communication affichée).

2002 Paugam-Moisy, H., Puzenat, D. , Reynaud, E. & Magué, J.-P. *Neural networks for modeling memory: case studies.* In Proc. of ESANN, European Symp. on Artificial Neural Networks, Bruges, Belgium.

INVITED SPEAKER

2021	Diffusion des variants (linguistiques) dans la population : le ou la covid ? Evolyon conference. Nov 2021.
2021	Approche computationnelle de la variation linguistique sur Twitter. Scidolyse meeting, 2May 021.
2018	<i>Approches sociolinguistiques et computationnelles du français sur Twitter.</i> Dynamique des communautés sur Twitter en période électorale : analyse par graphes aléatoires, Apr 2018, Grenoble, France
2016	<i>La notion de réseau social en sociolinguistique computationnelle.</i> Socionet, Rencontres interdisciplinaires sur les réseaux sociaux : description, données, modélisation, interpretation, 6-8 Juin 2016 / ENS de Lyon.
2015	<i>Le Master Architecture de l'information de l'ENS-Lyon Réponse à un changement de paradigme documentaire.</i> Journée d'étude DHNord 2015, Maison Européenne des Science de l'Homme, Lille.
2015	<i>Outille-toi toi-même</i> , Séminaire de la Cellule Corpus Complexes, Labex Aslan, Lyon.
2014	<i>Se construire les humanités numériques : apprendre en action</i> , Journée DARIAH-FR. Apprendre et enseigner quand les humanités deviennent numériques.
2014	<i>Un Introduction aux Digital Humanities</i> , Séminaire de la Haute Ecole de Gestion, Genève, Suisse.
2012	<i>You talkin' to me ? Complexité des langues comme objets sociaux</i> , Séminaire du Labex Aslan, Lyon.
2011	<i>Que sont les Humanités Numériques ?, Biennale du Numérique</i> , ENSSIB
2011	<i>Humanités Numériques : Histoire, enjeux et structuration institutionnelle</i> , Séminaire du Centre Blaise Pascal, ENSL.
2006	<i>A small world in the brain: Inferring functional connectivity properties from automatic literature analysis</i> , Séminaire du Human Neuroscience Laboratory, University of Chicago, USA.
2006	<i>Physical limits of computation and the nature of Language</i> , Séminaire du Chicago Language Modelling Lab, University of Chicago, USA.
2005	<i>Évolution des Structures Conceptuelles.</i> Séminaire du laboratoire Dynamique du Langage, Lyon, France.
2004	<i>Changements Sémantiques et Analyse de Corpus.</i> Journée d'étude du projet Prox-Dilan, Toulouse, France.
2004	<i>Géométrisation du Sens.</i> Fédération de typologie - groupe rapprochements sémantiques, Villejuif, France.

SOFTWARE

2015 **SynopsX**, XML corpus publication plateform (github.com/synopsx)

2009 **Textometrie**, Textual analysis(textometrie.sourceforge.net)

2006 **Axivsorтер**, sorting papers posted on the website arxiv.org (www.arxivsorter.org)