



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

Nombre: MANCINI, SIMONA
Referencia: RYC-2017-22015
Área Científica: Filología y Filosofía
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Título:

"Language and its architecture: theory, behavior and neuro-biological bases"

Resumen de la Memoria:

My scientific activity has focused on an in-depth study of language and the core computational mechanisms that enable its comprehension, production and learning, with the ultimate goal of unveiling its architectural principles and its neurobiological foundations. In particular, my work centers on the study of basic linguistic computations [i.e. agreement and merge] and their processing correlates in a wide spectrum of speakers: healthy monolingual and bilingual adults, but also patients with language deficits. To this end, I make use of cutting-edge experimental techniques - eye-tracking, event-related potentials and functional magnetic resonance imaging - with which I study the cognitive mechanisms and the neuro-anatomical substrates underlying the establishment of sentential relations.

The results of my research have contributed to shedding light onto controversial issues in the theoretical and psycho-/neuro-linguistic domain. Importantly, I have been the first one in systematically studying morphosyntactic features experimentally, with the goal of comparing distinct theoretical proposals, i.e. cartography and standard minimalism. The cognitive and neuro-physiological dissociation among features that I have found favors a cartographic analysis, and points to the necessity of a radical shift in the study of language processing: from an approach based on a stark syntax vs. semantics opposition, to a more "atomic" one that centers on features and their distinct interpretive properties, so that finer-grained mechanisms can be captured. Furthermore, on the basis of converging results from different experimental techniques, I have informed the long-lasting debate on the potential temporal and functional dissociation between syntax and discourse analysis, showing that these two processes belong to temporally distinct stages and are associated with different neuro-physiological correlates.

Secondly, a thorough understanding of the architecture of language cannot disregard the study of basic mechanisms in impaired linguistic systems. In this respect, I am currently working on three projects related to the study of aphasic syndromes, with the goal (i) to develop aphasia screening tools; (ii) to study the mechanisms underlying verb argument structure processing in bilingual aphasia and (iii) to unveil the interplay between linguistic and non-linguistic mechanisms in this language deficit. The development of these projects will shed new light on the trajectory of language loss and recovery in patients with typologically distant languages as background, such as Basque and Spanish, but it will be also extremely helpful for the development of prognostic tools that can aid patients during language recovery.

Finally, the investigation of core linguistic mechanisms in second-/third-language learners, allows me to explore the relation between linguistic typology and language profile (monolingual vs. bilingual speakers). Results show that bilinguals do not outperform monolinguals either in the learning of typologically close or distant properties of a new language, but they have greater metalinguistic awareness. Yet, at the same time, individual differences in the degree of usage of the two languages can modulate the mechanisms with which simultaneous bilinguals access morphosyntactic information.

Resumen del Currículum Vitae:

SCIENTIFIC TRAJECTORY

2004-06: M.A. in Applied Linguistics (Montclair State University, USA). Supervisor: D.J. Townsend. Thesis: Comprehending Aspect and Telicity in Italian. Grade: Magna cum Laude

2006-10: PhD in Cognitive Science (U. of Siena, Italy). Supervisor: L. Rizzi. Thesis: On Agreement Feature Processing and Representation

2010-now: Staff Scientist/Group Leader (Neurolinguistics and Aphasia Group), BCBL

PUBLICATIONS

H-index: 4 (Scopus, WoS), 6 (Google Scholar)

Total number of citations: 152

Articles in peer-reviewed journals: 13 (Q1: 11/13)

Book chapters: 4

Special Issues: 1

Monographs: 1

CONFERENCES/INVITED TALKS:



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

International conferences (yearly): CUNY, AMLaP, ESCOP, CNS

Invited talks: U. of Trento (2008,2017); U. of Basque Country(2010); U. of Genève (2012), U. of Siena(2014/2015), U. of Nis (2015)

STAYS IN PUBLIC/PRIVATE RESEARCH CENTRES:

2009-U. of La Laguna, Cognitive Neuroscience and Psycholinguistic Laboratory

2008-U. di Trento-Cognitive Science and Education Department

2017-Institute of Advanced Studies (IUSS)Pavia (Italy)

GRANTS, SCHOLARSHIPS AND PRIZES:

Graduate assistantship (Montclair State University): 10000\$

PhD scholarship (U. of Siena 2006-09): 48000 €

Mobility Funds (U.of Siena, 2008): 1000 €

Gipuzkoa Fellowship Program (2013-17): 150000 €

Habilidades Lingüísticas en hablantes bilingües y monolingües (2014-16)-Basque Government: 49094€

The Atoms of Language: an investigation of Person, Tense and Mood features (2016-19)-MINECO: 45000€

EMBO (European Molecular Biology Organization): 8500 €

AWARDS:

Distinguished Young Researcher Award (2009, Marica de Vincenzi Foundation, Italy)

TEACHING ACTIVITY:

Sentence and Discourse Processing

Cognitive Psychology

Trends in Cognitive Neuroscience of Language

Psycholinguistics

SUPERVISION:

Post-Doc: N. Biondo

PhD: B. Ristic, P. Heinzová, D.Scarinci

MA: A. Rodriguez, B. Ristic, S. Zimnukhova, X. Lampre, M. Wolpert, A. Eskartza, J. Martorell, M. Kudiakhova, M. Altmann, M. Solimeni

Scientific host: Nicoletta Biondo (U. of Trento, Italy);Luca Cilibiasi (U. of Reading, UK)

REVIEWING ACTIVITY:

International journals: Lingua, Glossa, Brain and Language, Frontiers in Psychology (Editorial board), Language Cognition and Neuroscience, Cognitive Science ANEP

International conferences: AMLaP, CUNY, Generative Grammar Meeting (IGG)

ORGANIZATION OF EVENTS AND SCIENTIFIC COMMITTEES:

AMLaP (2016)-scientific committee

Symposium on Agreement Processing (2015)-organizing/scientific committee

Simposio de Psicología (2011)-organizing/scientific committee

IGG, Generative Grammar Meeting (2009)-organizing/scientific committee

SCIENCE DISSEMINATION ACTIVITY:

Mecanismos de comprensión del lenguajeLa mecánica del caracol, Radio Euskadi (2016)

Las reglas universales del lenguaje-Pint of Science (2016)

Hizkuntzek eboluzio bat dute, baina haien heriotza eragotz daiteke (2016)-Berria newspaper

Las reglas universales del lenguaje-Brain Awareness Week (2016)

Language and stereotypes: radio interview EITB (Nov. 2014)

Principles and Parameters of language: radio interview Radio Onda Vasca (Feb. 2010)

ACTIVE EXTERNAL COLLABORATIONS:

Prof. C. Cacciari-U. Modena/Reggio Emilia

Dr. F. Vespignani-U. di Trento

Prof. C. Chesi- IUSS (Pavia)

Prof. L. Rizzi-U. di Siena/U. Genève

Dr. W.Y.Chow-UCL

Prof. Andrew Nevins-UCL

Prof. Stefano Cappa - IUSS (Pavia)

Dr. J. Undabeitia (Hospital Donostia)



MINISTERIO
DE CIENCIA, INNOVACIÓN
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**AYUDAS RAMÓN Y CAJAL
CONVOCATORIA 2017**

Turno de acceso general



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

Nombre: ZARDINI, ELIA
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Título:

From Vagueness and Truth to Substructural Epistemology and Metaphysics

Resumen de la Memoria:

I did my undergraduate studies in philosophy, mathematics and history at Ca[☐] Foscari University of Venice and at the Technical University of Berlin (under the coordination of G. Abel), obtaining my MA from Ca[☐] Foscari in 2003 with a dissertation on semantic externalism under the supervision of L. Perissinotto. Having been awarded an AHRC Doctoral Grant and subsequently a Jacobsen Research Fellowship, I did my graduate studies in Arché at the University of St Andrews from 2003 to 2008 under the supervision of C. Wright, P. Greenough and G. Priest and as a member of the AHRC Vagueness Project. During this period, I also visited for the year 2006 New York University under the supervision of H. Field. I obtained my PhD in philosophy from St Andrews in 2008 with a dissertation on vagueness (with R. Heck and S. Read as examiners). I then took up a Postdoctoral Research Fellowship in the AHRC Basic Knowledge Project at the University of St Andrews (and then Aberdeen). Subsequently, I was awarded a Postdoctoral Research Fellowship at UNAM from 2010 to 2011 with my own project on truth under the supervision of M. Gómez Torrente. I was then awarded a Marie Curie Intra-European Research Fellowship from 2012 to 2014 in LOGOS at the University of Barcelona for a continuation of my project on the truth. Finally, since 2014, I am the recipient of an FCT Development Fellowship with a project on the relations between my non-transitive theory of vagueness and my non-contractive theory of truth and on their philosophical foundations and applications. Along the way, I have also been member of other 8 collaborative international research projects, including the first research and training network exclusively in philosophy ever to be financed by the European Commission (PETAF).

In general, I believe that philosophy forms a single tradition spanning from the Presocratics to contemporary analytic philosophy, and I am interested in applying the best and latest tools the latter provides to develop new approaches to the hardest and oldest philosophical problems. More in particular, my areas of specialisation are formal and philosophical logic, philosophy of language, epistemology, metaphysics and philosophy of mathematics, while my areas of competence are philosophy of mind, philosophy of science, history of logic and philosophy. Up to date, my three main axes of research have been vagueness (where, starting from monograph n. 58 of CVN and paper n. 24, I have developed a new substructural approach that has attracted considerable attention in the contemporary debate); truth (where, starting from papers nn. 23, 26, I have developed an original substructural theory that is nowadays taken to be one of the main contenders); epistemic structure (where, starting from papers nn. 21, 45, I have developed a novel views on hotly debated topics). I have also pursued a line of investigation on knowledge-how (with especially paper n. 25 contributing influential arguments in favour of anti-intellectualism). Recently, I have started a long-term, multi-track project (substructural epistemology and metaphysics) whose general idea is to take the conceptual and technical tools I first developed in relation to vagueness and truth and use them to develop new approaches to traditional problems in epistemology (e.g. paper n. 1) and metaphysics (e.g. paper n. 3).

Resumen del Currículum Vitae:

I hold a PhD in philosophy from the University of St Andrews and I am currently employed at the Philosophy Centre of the University of Lisbon. I have been successively awarded 1 undergraduate studentship, 2 PhD scholarships, 2 postdoctoral fellowships and 2 major research fellowships as principal investigator. In all, I have secured individual research funds totalling over EUR 600.000. My MA thesis has received the highest mark with distinction in the Italian system, and my PhD thesis the highest classification in the UK system. I have also been member of 8 international research projects and of 4 main European research centres (Arché, Cogito, NIP, LOGOS and LanCog).

I have published 53 articles (of which 44 single-authored) in ISSN- or ISBN-indexed publications mainly in philosophical logic, philosophy of language, epistemology and metaphysics (including 2 top-5 general philosophy journals like Philosophy and Phenomenological Research and The Journal of Philosophy and 3 top-5 specialist philosophy-of-logic journals like Journal of Philosophical Logic, Notre Dame Journal of Formal Logic and The Review of Symbolic Logic). Of these, 19 are in peer-reviewed INT1 journals (ERIH 2011 ranking) and 5 are in peer-reviewed INT2 journals, 12 are peer-reviewed book chapters for 3 major publishers (Cambridge UP, Oxford UP and Springer). I have authored 1 monograph and edited 2 books with Oxford UP plus 1 book with Cambridge UP. 1 paper was selected as one of the best 8 papers for the Joint Session 2005 of the Aristotelian Society and the Mind Association, and further selected among these for publication in the Proceedings of the Aristotelian Society. 2 papers were awarded prizes at the NPAPC 2005 and the 5th SOPHA Congress respectively.

I have been invited to give research talks at 66 events (including venues like the Oxford Jowett Society) and have presented my work at other 67 peer-reviewed events in all continents. I have been invited for extended funded visits at the universities of Barcelona, Leuven,



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

Paris I, Yonsei (Seoul), Buenos Aires and Göttingen.

I have given undergraduate, graduate and postdoctoral courses in ancient philosophy, epistemology, informal, formal and philosophical logic, metaphysics, philosophy of language and philosophy of mind. I have assessed 1 master thesis in philosophy of mathematics and 1 PhD thesis in philosophy of logic, and I am mentoring a postdoctoral project in philosophy of language. I have authored 3 introductory entries on a popular web platform.

I have organised 15 international workshops as well as 3 international conferences (for which I have been able to secure funding from institutions like the Analysis Trust, the Aristotelian Society, the Mind Association, the Royal Society of Edinburgh and the Scots Philosophical Association), and have convened 6 research seminars. I am editor-in-chief of the de Gruyter INT2 journal *Disputatio*, and member of the editorial panels of *Thought* and *Rivista Italiana di Filosofia Analitica Junior*. I have acted as referee for 44 journals (including 4/5s of the top-20 journals, Leiter 2015 ranking), 3 major publishers (Cambridge UP, Oxford UP and Springer), 24 international conferences, 2 European research-funding bodies (the Economic and Social Research Council and the European Science Foundation) and the Italian Government.



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

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Título:

The Nature of Time

Resumen de la Memoria:

The philosophy of time constitutes the most prominent part of my main research line, and I have developed it over the years in constant synergy with approaches to temporality from other fields of inquiry, such as psychology, computer science, and physics (see R.A I). The problems on which I have mainly focused are: the experience of temporal passage (see R.A. II and R.A. III) and the relation between truth and time (see R.A. IV, and V), the indeterminacy of the future (see CV), and the problem of identity through time (see CV). The conceptual tools that I have exploited in these investigations are reductionist and eliminativist strategies, truthmaker theory, and grounding. Research topics outside the philosophy of time that I have investigated within this methodological framework are the structural similarities between modality and temporality, mereology and formal ontology, the ontology of the social sphere, and the semantics of morally loaded language.

Throughout my research activity, I have developed and defended a coherent view of the nature of time. Roughly, I defend an account in which the fundamental layer of temporal contains only \square tenseless (i.e. static) elements. Consequently, I argue against any irreducibly dynamic view of reality, and in favour of a reductive stance of tensed properties (such as \square being present \square). I defend this stance both with philosophical arguments and by appealing to the results of contemporary psychology, which suggest that the dynamic aspects of our experience can be explained away as \square illusory \square , and to those of contemporary physics, which suggest a tenseless reading of the structure of space-time. In strict connection with my view about temporal properties, I defend an \square eternalist \square ontology, according to which differences in temporal location have no bearing on existence. Against non-eternalist ontologies I have developed several arguments based on the idea that these views have difficulties in accounting for the truth of past-tensed (and future-tensed) claims.

As for my future research, I am exploring the possibility of producing new conceptual tools that could serve to facilitate dialogue and transfer of knowledge concerning time-related problems between different disciplines. To this end, the activities of the CPT will be of crucial importance.

Resumen del Currículum Vitae:

Current Professional Situation

11/2012 Senior Assistant Professor
Dipartimento di Filosofia
Università di Milano, Italy

Past Posts

3/2011 - 10/2012 Juan de la Cierva Fellowship
LOGOS Group - Departament de Lògica, Història i Filosofia de la Ciència
Universitat de Barcelona, Spain
2008-2011 Research Fellow
Dipartimento di Filosofia
Università di Torino, Italy

Education

2013 Abilitazione Scientifica Nazionale, MIUR (Italian Ministry of University, Research, and Education)
2007 Ph.D, University of Eastern Piedmont
2001 B.A., University of Turin

Language Skills

Italian (native), English (advanced), Spanish (advanced), French (intermediate), German (elementary)

Teaching Activity (selection)

2016 (MA reader), \square It's all about Time \square , University of Milan
2014 (MA reader), \square The Ways of Philosophical Explanation \square , University of Milan



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

2012 (MA reader) *Propositional Attitudes Ascription*, University of Barcelona

Present R&D&I projects

2016-2018 PI of TEMP-FRAMES (Carplo Foundation: €151.114)

2016-2018 PI of TIME-METHODS (University of Milan: €80.000)

Publications (selection)

Books:

2017 *La Filosofía del Futuro* (with S. Iaquinto), Milano, Raffaello Cortina (forthcoming)

2011 *I Viaggi nel Tempo. Una Guida Filosofica* Roma-Bari, Laterza

2008 *Time and Cross-Temporal Relations*, Mimesis, Milano [2nd ed. 2014]

Articles and chapters of books:

2017 *Feeling the passing of time*, *The Journal of Philosophy*, 114, 4: 165-188

2017 *Perspectival Tenses and Dynamic Tenses*, *Erkenntnis* (online first)

2017 *Time travel and coincidence-free local dynamical theories* (online first)

2016 *Institutional Externalism*, *Philosophy of the Social Sciences*, 47, 1: 67-85

2015 *Chronometric Explanations*, *Philosophia* 44,1: 275-287

2014 *Ostrich Presentism*, *Philosophical Studies* 170: 255-276

2013 *The Grounding Problem and Presentist Explanations*, *Synthese* 190: 2047-2063

2013 *The Metaphysics of the Thin Red Line* (with A. Borghini), in F. Correia, A. Iacona (eds.), *Around the Three*, Berlin, Synthese Library, Springer Verlag: 105-125

2013, *Yet Another Confusion about Time-Travel*, *Disputatio*, 1, 35: 49-56

2012, *Time and Simple Existence*, *Metaphysica*, 13:125-130

2011 *The not so incredible shrinking future* (with R. Casati), *Analysis*, 71, 2: 240-244

2010 *Perspectival Truth and Perspectival Realism*, in F. Recanati, I. Stojanovic, N. Villanueva (eds.) *Context-dependence, perspective and relativity in language and thought*, De Gruyter, Mouton Series in Pragmatics: 333-48

2010, *Time, Context, and Cross-temporal Claims*, *Philosophia*, 38: 281-296

Work presented in conferences as invited speaker (selection)

2017 25 November, *Tenses and the experience of passage*, *Philosophy of Mental Time VI: the Experience of Time*, Nihon University, Tokyo Japan

2017 11-12 September, *Philosophy of time: networks of people and of ideas*, *Time in Twentieth and Twenty-first Century Philosophy*, University of Durham

2017 21 April, *How could time really flow?*, Irvine, California

2017 12-5 April, *The Moving Spotlight(s)*, Pacific Division meeting of the American Philosophical Association, Seattle, Washington

2016 15 November, *The dynamic present of experience*, Central European University, Budapest

2016 9 November, *Tense, Flow, and Action*, University of Tuebingen

2016 10-12 June, *The Varieties of Temporal Experience*, Third annual meeting of the International Association for the Philosophy of Time, Wake Forest University, North



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

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Título:

Languages and scripts in contact in the Western Mediterranean (7th century BC - 1st century AD)

Resumen de la Memoria:

My main research field is the study of the ancient languages and scripts attested in the Iberian Peninsula through epigraphic testimonies, with a special focus on the local or Palaeohispanic languages. I have developed this line of research since my doctoral studies at the Univ. of Barcelona and more recently as an autonomous researcher in prestigious centres such as Paris-Sorbonne, where I have been the IP of a Marie Curie project, or Univ. of Oxford, where I am currently working as a researcher. I have also some relevant contributions in the field of Latin epigraphy, which has led me to collaborate with leading projects in the field, such as the Corpus Inscriptionum Latinarum (coordinated by the Berlin Academy) or *L'Année Épigraphique*, and a solid experience in editing and translating Classical texts. More recently, I have undertaken a complementary line of research on digital epigraphy, a field now emerging in Spain, which I have carried out through a tight collaboration with the Department of Digital Humanities of King's College London, the Institute of Classical Studies of the University of London, and the UC Berkeley. This line deals with the implementation of digital tools for the study and edition of fragmentarily attested languages and epigraphic texts.

Currently, my research is primarily focused on the study of the different epigraphic cultures of Hispania, from an interdisciplinary and comparative perspective. I have conducted this line of research within three international projects funded by the European Commission (H2020) and several national projects, to which I have contributed either as PI or as a researcher. The Iberian Peninsula was linguistically very rich in Antiquity: three colonial languages (Phoenician/Punic, Greek and Latin) coexisted there for several centuries with at least five indigenous languages (Tartessian, Lusitanian, Vasconic-Aquitainian, Celtiberian and Iberian). Unfortunately, despite the wealth of the documentation, none of these Palaeohispanic languages is fully deciphered today. My research has mainly focused on the linguistic analysis of the Palaeohispanic inscriptions in order to progress in the understanding of the content of these texts on the one hand, and in the typological classification and decipherment of the Palaeohispanic languages, on the other. My background as a Classical philologist, with training not just in Greek and Latin, but also in Indo-European linguistics and Italic languages and epigraphy has been paramount to undertake this work successfully. In a second stage of my career, and thanks to the experience acquired in foreign universities, I have combined this philologically oriented approach, based on the study and edition of the primary sources, with a more interpretative analysis towards socio-cultural history, focusing on aspects such as ancient literacy, bi- and multilingualism, language contact and language death and survival.

As shown by my career record, I am a leading specialist in my field: I have a prolific scientific output in the most relevant publications of my area, I have attracted substantial funding from very competitive international calls to develop my own lines of research and different R&D activities, and I have been invited to contribute to the main research projects and teams of my discipline.

Resumen del Currículum Vitae:

I am currently a research fellow at the Univ. of Oxford, in the framework of the ERC project *LatinNow: The Latinization of the north-western provinces* and I am the PI of a BBVA-funded project (32 K€), hosted at Univ. of Las Palmas, on ancient writing systems and digital humanities.

I hold a PhD in Latin Philology (Univ. of Barcelona 2007, with honours) and I have received a specific training at international level in Epigraphy (Univ. of Bologna, 2006), Digital Humanities (King's College London, 2015-2016) and Italic languages (Univ. di Verona and *École Pratique des Hautes Études*, 2016-2017).

Short after obtaining my PhD, I have been able to develop my independent lines of research thanks to prestigious fellowships obtained in very competitive calls (e.g. H2020-COST Actions visiting grant (2017); Univ. of Harvard's Centre for Hellenic Studies visiting grant (2016); Viera y Clavijo postdoc (2016); Marie Skłodowska-Curie Individual Fellowship from the European Commission (2014); Hardt Foundation research fellowship (2013); MICINN/Fulbright postdoc (2008); UAI-IEC postdoc (2008)). These opportunities have allowed me to work for several years in first-ranking European and American universities, such as King's College London, Paris Sorbonne, Harvard, UC Berkeley, Univ. Libre de Bruxelles or Univ. of Oxford, among others. In total, I have obtained five-years long research contracts in prominent foreign universities, besides the periods I have spent abroad as a visiting scholar.

I have been the PI of different competitive projects: in 2014 I was awarded a prestigious and highly-competitive Marie Curie individual



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

fellowship, to lead the project "The dawn of writing in the western Mediterranean" at Paris Sorbonne and King's College London; I have also been the PI of two national projects, one funded by the Fundación BBVA in 2017, and another one funded by the AGAUR (CTP call) in 2013; finally, I have also been the scientific coordinator of a project based at UC Berkeley. I have taken part in 27 competitive projects funded by the EU (6), USA (2), Spanish Government (12) and regional administrations (7), and I have organized 8 international scientific meetings. Along my pre- and postdoctoral career, I have obtained 3 different awards: extraordinary degree award; extraordinary recognition for FI fellows (AGAUR) and Joan Coromines award of lexicography and onomastics (IEC).

Regarding my teaching experience, I have taught and conducted student's research in 4 different universities (including master courses at Paris-Sorbonne), and my activity has been positively evaluated by the ANECA and equivalent agencies (e.g. the CNU, in France). I have also been invited to take part in the assessment committees of master and doctoral theses, as a renowned specialist in my field.

I am the author of over 30 peer-reviewed articles and I have contributed to relevant works: e.g. different monographs for OUP, L'Année Épigraphique (PUF) and the Corpus Inscriptionum Latinarum (Berlin Academy). I am the (co-)author of 5 books, one of them in the prestigious series Monumenta Linguarum Hispanicarum (Reichert Verlag), and the co-editor of a monograph for the Orient et Méditerranée collection (CNRS). I have contributed to 45 scientific meetings, and I have been invited to give talks at several top-ranking international universities.



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

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Título:

Multilingual and Robust Linguistic Processing for Extraction of Semantic Knowledge

Resumen de la Memoria:

My research interest lies in understanding how semantics (meaning) of natural language works. My approach comes from an empirical and computational perspective as I believe that learning from language use is crucial to understand how humans understand natural language. I started out in the formal semantics tradition but, although it provides a rigorous account of some structural aspects of language, it leaves the semantics of content words and multi-word expressions unaccounted. The computational approach is not only crucial to learn language use from large amounts of textual data, but also to be able to objectively and automatically evaluate any linguistic hypothesis. In the long term, both traditions, formal and empirical or computational, need to be taken into account to be able to represent and explain how meaning works in natural language.

The correct interpretation of a written text is the correct labeling of the actions and the participants, and capturing the relations that connect all of them. For this, many analysis must be performed both at sentence and document level. This process should result not only in representing the explicit information but also in discovering the implicit information denoted by the text. Moreover, in our multilingual world this information should be processed in multiple languages in a way to allow for a cross-lingual inter-operable semantic interpretation (Vossen et al. 2016). Ideally this processing should be robust enough for providing the same accurate results in multiple domains and genres.

The best results for those tasks are obtained by supervised corpus-based approaches. This means that manually annotated data is used to learn probabilistic models. This poses a major obstacle to learn semantic models whenever there is not enough manually annotated data by linguists for a semantic task in a given language. In most cases, manually annotating text for every single specific need is generally inefficiently slow and, in most cases, unaffordable in terms of human resources and economic costs. Instead, we would like to be able to use already available semantic processors and texts in other languages to get a good statistical model for a new target language. Our research investigates semi- and weakly-supervised approaches based on distributional word representations and their combinations to provide good semantic automatic analysis even when applied in out of domain data.

Resumen del Currículum Vitae:

My academic and research trajectory has taken me to 8 different institutions across Spain and the United Kingdom (UK). I am currently Research Fellow at the IXA Group (formed by 15 linguists and 30 computer scientists) of the University of the Basque Country (UPV/EHU). I graduated in Philosophy (2000) and obtained a M-Phil on Logic and Linguistics, while I was Research Assistant for one year at UPV/EHU (2003). I applied and was successful obtaining a PhD grant from City University London (UK) to do my doctoral degree in Computer Science (2007). I was a post-doc in Computational Linguistics at the University of Birmingham (UK), and at the Universidad Politécnica de Madrid. Before coming to IXA I had a stint in the industry (Vicomtech-IK4, Spain), leading research and industrial projects on linguistic processing, and at University of Deusto.

Throughout my career, I have shown independence and leadership, as well as coordinating skills and teamwork, for instance by acting as the Technical Coordinator of a FP7 European Project (SUMAT), of a Torres Quevedo grant, collaborating with a broad variety of researchers in different disciplines and mentoring students (two master thesis supervised, 4 PhD and 2 master thesis ongoing). I have helped to write and participated in more than 20 research projects at the regional, national and international levels, such as E-DRAMA and ATT-META (EPSRC and ESRC UK research councils), MAVIR (Comunidad de Madrid), Berbatek (Basque Government), TUNER and CrossText (Spanish Ministry of Science), OpeNER and NEWSREADER (EU Commission), and recently I have been elected to be in the Management Committee of the EnetCollect European COST action. I have also proven my ability to obtain competitive funding myself, notably with the SUMAT FP7 project and a post-doctoral grant in the Torres Quevedo program.

My research activities have a clear impact, both in terms of academic publications and transfer of technology. I have published 41 peer-reviewed papers, including 15 articles in the main venues in Computational Linguistics as well as 7 JCR/ISI indexed papers (5 of them in the first quartile), and been invited to present my work at the CORE A* IJCAI 2017 conference (journal track), and to several invited seminars including one at University of Zurich (2014). I am the creator and main developer of IXA pipes (<http://ixa2.si.ehu.es/ixa-pipes>), a set of ready to use multilingual tools for linguistic processing increasingly used across academia, industry and administration. I am also a Project Management member in the OpenNLP project of the Apache Software Foundation. I have supervised a Google Summer of Code (GSOC



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DE CIENCIA, INNOVACIÓN
Y UNIVERSIDADES



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

2015) project.

The international community recognizes me as an established researcher, serving as PC member or reviewer in the main CORE A/A* international conferences (EMNLP, ACL, LREC, IWCS, etc.) as well as in several leading JCR/ISI international journals related to Computational Linguistics (Knowledge-Based Systems, Journal of Artificial Intelligence Research, IEEE Intelligent Systems, Artificial Intelligence Review, Transactions on Knowledge and Data Engineering...). I also evaluate projects for the European Commission (COST actions). I teach about Computational Linguistics and Semantics at undergraduate and master's levels.

I obtained the Profesor Contratado Doctor quality accreditation from ANECA (2011).



AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

Nombre: DIAZ-IGLESIAS LLANOS, LUCIA ELENA

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Área Científica: Filología y Filosofía

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Título:

Ancient Egyptian funerary and cultic textual sources: from local mythological constructions to scribal culture and practices

Resumen de la Memoria:

I completed my doctoral studies at the University of La Laguna (Tenerife, 2012), with a research on local traditions, theological speculation, and mythological constructions in ancient Egypt. As a predoctoral fellow, I undertook complementary stays at the Egyptological departments of numerous prestigious institutions (Liverpool, Tübingen, Berlin, and Oxford). I spent two years as a postdoctoral fellow and research associate at the Seminar of Egyptology of the University of Basel (Switzerland), and I am currently working at the Institute of Mediterranean and Near Eastern Languages and Cultures (CSIC, Madrid) as a Juan de la Cierva-incorporación researcher.

The core of my research lies in the study of Ancient Egyptian funerary and cultic sources, primarily written but also iconographic, an area in which I have challenged traditional conceptions and opened novel avenues of research. I have set the focus on three topics:

I. Local traditions, mythological constructions, and the transmission of funerary texts and knowledge. I have concentrated on the case study of the 20th Upper Egyptian province, with its capital in Herakleopolis Magna, and the specific manifestation of Osiris in this region. I have favoured a holistic, contextual, and diachronic approach (covering two millennia) that also acknowledges variations across geography.

II. Digital epigraphy, with the application of tools derived from recent information- and communication technologies to the recording, studying, and the scientific publication, preservation, and dissemination of Ancient Egyptian written sources, particularly inscriptions on temple- or tomb walls, or texts written on papyri and shrouds.

III. Scribal education and practices following the tenets of material philology. I combine philological studies of text transmission and textual criticism with the material perspective to explore aspects related to scribal education, working conditions of copyists, procedures of production and reproduction of texts, and identification of scribal hands. The basis of my research are unpublished funerary documents from the mid-second millennium BC, found at Egyptian sites by the research projects with which I am involved.

I have established my lines of investigation as an employed researcher or team member in 11 national and international multidisciplinary research projects, funded through European (SNSF), national (MINECO, MEC, FECYT), and autonomous competitive calls. I have further built my expertise with 18 months of epigraphic and archaeological fieldwork at various Egyptian monuments with national and international groups, and I am currently deputy director of the Djehuty Project working at Dra Abu el-Naga, Luxor.

Outcomes of my research lines are the publication, as sole author or co-author, of 32 works in Spanish and English, issued by leading national and international book publishers and in peer-reviewed, indexed journals. I have presented papers at 19 national and international conferences and workshops, and have been invited to deliver presentations on my research at several Swiss, Danish, and Spanish institutions. I have taught at undergraduate, master's, and doctoral level courses at universities and research centres, have editorial responsibilities in an Egyptological journal, and regularly participate in the organisation of scientific events and in outreach activities.

Resumen del Currículum Vitae:

I have developed my scientific career at several Spanish, Swiss, German, and English universities and research centres. I have a BA in History (Ancient History and Archaeology) by the Autónoma University of Madrid (2004). I was awarded 5 predoctoral scholarships from public institutions (including a FPU) and a private foundation for training at CSIC (Madrid) and pursuing my doctoral studies at the University of La Laguna (Tenerife, ULL). I carried out part of my predoctoral research at prestigious Egyptological institutions (Liverpool, Tübingen, Berlin, and Oxford), and in 2012 I completed the European doctorate at ULL. I spent two years (2013-2015) as a postdoctoral fellow in the programme of Swiss Government Excellence Scholarships and research associate at the Seminar of Egyptology of the University of Basel, one of the most productive institutions in the Egyptological discipline. Since November 2015, I have developed my research at ILC (CSIC, Madrid) with two contracts, the latest as a Juan de la Cierva-incorporación fellow.

In the past ten years I have been involved as an employed researcher or a team member in 11 national and international research projects, funded through different competitive calls: at a European level (1 SNSF project at the Universities of Basel and Zurich), at a national level (2 R&D projects of MINECO and MEC, 2 research and transfer projects of FECYT, and 5 archaeological projects of MEC, at ILC-CSIC and ULL), and at an autonomous level (R&D project of ACIISI at ULL). I am currently deputy director of the Djehuty Project and member of the research group HISTOREL (History of Religions, ULL). I have undertaken 15 epigraphic or archaeological seasons of fieldwork, for over 18 months since 2004, at Egyptian monuments in Egypt and Spain with various teams (Swiss Mission, Italian Mission, Djehuty-CSIC, Herakleopolis-MAN, TT 209-ULL, Debod-ULL).

My wide record of publications as sole author or co-author, issued by leading national and international book publishers, and in peer-reviewed, indexed journals comprises: 2 authored monographs (one by De Gruyter in the series Zeitschrift für Ägyptische Sprache und Altertumskunde -Beihefte), 1 co-edited volume (by Peeters in the series Orientalia Lovaniensia Analecta), 9 articles in periodicals, including



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AYUDAS RAMÓN Y CAJAL CONVOCATORIA 2017

Turno de acceso general

the most specialised and high-impact journals in my research area (Zeitschrift für Ägyptische Sprache und Altertumskunde, Revue d'Égyptologie, Bulletin de l'Institut français d'archéologie orientale), 6 book-chapters, 7 contributions to congress proceedings, 1 catalogue entry, and 2 scientific-technical reports.

I have presented the outcomes of my research in 19 international and national conferences and seminars, including at the most reputable scientific event in Egyptology worldwide (International Congress of Egyptologists), and have been invited to deliver talks at institutions in Denmark, Switzerland, and Spain. I have participated in the organisation of scholarly activities of national and international scope (1 congress, 2 workshops, 1 postgraduate course). I acknowledge teaching experience at BA, MA and doctoral levels in several universities. I have provided referee reports for various journals and have been a member of the evaluation committee of 3 doctoral dissertations. I often take part in outreach activities for informed audiences and the general public.