

Alberto Barrón-Cedeño

ASSOCIATE PROFESSOR

Alma Mater Studiorum - Università di Bologna, Italy

✉ albarron@gmail.com | 🌐 albarron.github.io | www.unibo.it/sitoweb/a.barron | 🐱 albarron | 🐦 _albarron_ | 📧 alberto_iling

Positions

Alma Mater Studiorum – Università di Bologna

ASSOCIATE PROFESSOR

Forlì, Italy

2022 – today

- Analysis of propaganda in text
- Analysis of harming contents

Alma Mater Studiorum – Università di Bologna

SENIOR ASSISTANT PROFESSOR

Forlì, Italy

2019 – 2022

- Analysis of propaganda in text
- Multilingual models for text similarity

Qatar Computing Research Institute

SCIENTIST (A. LANGUAGE TECHNOLOGIES)

Doha, Qatar

2014 – 2019

- Supervised models for quality assessment in community question answering
- Multilingual models for text similarity

Talp Research Center. Universitat Politècnica de Catalunya

POST-DOCTORAL RESEARCHER (INCL. ERCIM “ALAIN BENSOUSSAN” FELLOWSHIP)

Barcelona, Spain

2012 – 2014

- Gathering of multilingual resources
- Text similarity

Education

Universitat Politècnica de València

DOCTOR OF PHILOSOPHY (COMPUTER SCIENCE; INTERNATIONAL MENTION)

Valencia, Spain

2009 – 2012

- Dissertation: On the Mono- and Cross-Language Detection of Text Re-Use and Plagiarism
- Supervisor: Paolo Rosso
- Committee: Ricardo Baeza-Yates • Benno Stein • Paul Clough • Fabio Crestani • José Miguel Benedí

MASTERS IN ARTIFICIAL INTELLIGENCE, PATTERN RECOGNITION AND DIGITAL IMAGE

2007 – 2008

Universidad Nacional Autónoma de México

Mexico City, Mexico

MASTERS IN COMPUTER SCIENCE (CUM LAUDE)

2005 – 2007

BENG IN COMPUTING (CUM LAUDE)

1999 – 2004

Selected peer reviewed publications¹

Overview of selected publications in journals with impact factor (if) and top conferences (bolded items are Core A). ar=acceptance rate.

id	journal	year	if	id	conference	ar (%)	id	conference	ar (%)
16.	KAIS	2023	2.531	36.	NAACL 24	23.2	18.	AAAI 18	–
15.	DATA	2022	–	35.	ECIR 24	–	17.	SIGIR 17	30.0
14.	IJCoL	2022	–	34.	EAMT 23	–	16.	SIGIR 17	30.0
13.	IP&M	2019	3.444	33.	ECIR 23	–	15.	ECIR 17	27.0
12.	LRE	2019	0.656	32.	EMNLP 22	20.0	14.	COLING 16	32.4
11.	JDIQ	2019	–	31.	ECIR 22	–	13.	COLING 16	32.4
10.	IP&M	2019	3.444	30.	IJCAI 21	–	12.	CIKM 16	24.0
9.	JSTSP	2017	5.301	29.	ECIR 21	–	11.	EMNLP 15	24.0
8.	IP&M	2017	2.391	28.	IJCAI 20	25.2	10.	ACL 15	22.4
7.	JUCS	2015	0.546	27.	ACL 20	35.0	9.	ECIR 14	28.8
6.	JAIR	2015	1.659	26.	ECIR 20	–	8.	IJCAI 13	28.1
5.	CAE	2014	0.935	25.	SemEval 20	–	7.	NAACL 12	–
4.	KNOSYS	2013	3.325	24.	EMNLP 19	16.0	6.	COLING 10	41.0
3.	CL	2013	2.212	23.	EMNLP 19	16.0	5.	COLING 10	41.0
2.	LRE	2011	0.975	22.	ECIR 19	–	4.	CICLING 10	23.0
1.	Algo	2011	0.444	21.	AAAI 19	–	3.	ECIR 09	31.9
				20.	ACL 18	30.0	2.	CICLING 09	26.3
				19.	NAACL 18	51.3	1.	CICLING 09	26.3

Journal Papers

16	TAILORING AND EVALUATING THE WIKIPEDIA FOR IN-DOMAIN COMPARABLE CORPORA EXTRACTION <i>España-Bonet, Barrón-Cedeño, Màrquez</i>	2023 KAIS
15	H-PROP AND H-PROP-NEWS: COMPUTATIONAL PROPAGANDA DATASETS IN HINDI <i>Chaudhari, Ambika Vishal and Barrón-Cedeño</i>	2022 DATA
14	ARIÈMOZIONE 2.0: IDENTIFYING EMOTIONS IN OPERA VERSES AND ARIAS <i>Zhang, Fernicola, Garcea, Bonora, Barrón-Cedeño</i>	2022 IJCoL
13	PROPPY: ORGANIZING NEWS COVERAGE ON THE BASIS OF THEIR PROPAGANDISTIC CONTENT <i>Barrón-Cedeño, Jaradat, Da San Martino, Nakov</i>	2019 IP&M
12	STUDYING THE HISTORY OF THE ARABIC LANGUAGE: LANGUAGE TECHNOLOGY AND A LARGE-SCALE HISTORICAL CORPUS <i>Belinkov, Magidow, Barrón-Cedeño, Shmidman, Romanov</i>	2019 LRE
11	AUTOMATIC FACT CHECKING USING CONTEXT AND DISCOURSE INFORMATION <i>Atanasova, Nakov, Màrquez, Barrón-Cedeño, Karadzhov, Mihaylova, Mohtarami, Glass</i>	2019 ACM JDIQ
10	LANGUAGE PROCESSING AND LEARNING MODELS FOR COMMUNITY QUESTION ANSWERING IN ARABIC <i>Romeo, Da San Martino, Belinkov, Barrón-Cedeño, Eldesouki, Darwish, Mubarak, Glass, Moschitti</i>	2019 IP&M
9	AN EMPIRICAL ANALYSIS OF NMT-DERIVED INTERLINGUAL EMBEDDINGS AND THEIR USE IN PARALLEL SENTENCE IDENTIFICATION <i>España-Bonet, Varga, Barrón-Cedeño & van Genabith</i>	2017 IEEE JSTSP
8	LANGUAGE PROCESSING AND LEARNING MODELS FOR COMMUNITY QUESTION ANSWERING IN ARABIC <i>Romeo, Da San Martino, Belinkov, Barrón-Cedeño, Eldesouki, Darwish, Mubarak, Glass, Moschitti</i>	2017 IP&M
7	CROSS-LANGUAGE SOURCE CODE RE-USE DETECTION USING LATENT SEMANTIC ANALYSIS <i>Flores, Barrón-Cedeño, Moreno, Rosso</i>	2015 JUCS

¹Papers in workshops and other conferences not included. Visit my Gscholar profile for a full list. Titles link to the paper's website.

6	LEVERAGING ONLINE USER FEEDBACK TO IMPROVE STATISTICAL MACHINE TRANSLATION <i>Formiga, Barrón-Cedeño, Màrquez, Henríquez, Mariño</i>	2015 JAIR
5	UNCOVERING SOURCE CODE REUSE IN LARGE-SCALE ACADEMIC ENVIRONMENTS <i>Flores, Barrón-Cedeño, Moreno, Rosso</i>	2015 CAE
4	METHODS FOR CROSS-LANGUAGE PLAGIARISM DETECTION <i>Barrón-Cedeño, Gupta, Rosso</i>	2013 KNOSYS
3	PLAGIARISM MEETS PARAPHRASING: INSIGHTS FOR THE NEXT GENERATION IN AUTOMATIC PLAG DET <i>Barrón-Cedeño, Vila, Martí, Rosso</i>	2013 CL
2	CROSS-LANGUAGE PLAGIARISM DETECTION <i>Potthast, Barrón-Cedeño, Stein, Rosso</i>	2011 LRE
1	A STATISTICAL APPROACH TO CROSSLINGUAL NATURAL LANGUAGE TASKS <i>Pinto, Civera, Barrón-Cedeño, Juan, and Rosso</i>	2009 Algo

Conference Papers

36	ELOTE, CHOCLO AND MAZORCA: ON THE VARIETIES OF SPANISH <i>España-Bonet and Barrón-Cedeño</i>	2024 NAACL
35	THE CLEF-2024 CHECKTHAT! LAB: CHECK-WORTHINESS, SUBJECTIVITY, PERSUASION, ROLES, AUTHORITIES, AND ADVERSARIAL ROBUSTNESS <i>Barrón-Cedeño, Alam, Chakraborty, Elsayed, Nakov, Przybyła, Struß, Haouari, Hasanain, Ruggeri, et al.</i>	2024 ECIR
34	RETURN TO THE SOURCE: ASSESSING MACHINE TRANSLATION SUITABILITY <i>Fernicola, Bernardini, Garcea, Ferraresi, Barrón-Cedeño</i>	2023 EAMT
33	THE CLEF-2023 CHECKTHAT! LAB: CHECKWORTHINESS, SUBJECTIVITY, POLITICAL BIAS, FACTUALITY, AND AUTHORITY <i>Barrón-Cedeño, Alam, Caselli, Da San Martino, Elsayed, Galassi, Haouari, Ruggeri, Struß, et al.</i>	2023 ECIR
32	THE (UNDESIRE)D ATTENUATION OF HUMAN BIASES BY MULTILINGUALITY <i>España-Bonet and Barrón-Cedeño</i>	2022 EMNLP
31	THE CLEF-2022 CHECKTHAT! LAB ON FIGHTING THE COVID-19 INFODEMIC AND FAKE NEWS DETECTION <i>Nakov, Barrón-Cedeño, Da San Martino, et al.</i>	2022 ECIR
30	AUTOMATED FACT-CHECKING FOR ASSISTING HUMAN FACT-CHECKERS <i>Nakov, Corney, Hasanain, Alam, Elsayed, Barrón-Cedeño, Papotti, Shaar, Da San Martino</i>	2021 IJCAI
29	THE CLEF-2021 CHECKTHAT! LAB ON DETECTING CHECK-WORTHY CLAIMS, PREVIOUSLY FACT-CHECKED CLAIMS, AND FAKE NEWS <i>Nakov, Da San Martino, Elsayed, Barrón-Cedeño, Míguez, et al.</i>	2021 ECIR
28	A SURVEY ON COMPUTATIONAL PROPAGANDA DETECTION <i>Da San Martino, Cresci, Barrón-Cedeño, Yu, Di Pietro, Nakov</i>	2020 IJCAI
27	PRTA: A SYSTEM TO SUPPORT THE ANALYSIS OF PROPAGANDA TECHNIQUES IN THE NEWS <i>Da San Martino, Shaar, Zhang, Yu, Barrón-Cedeño, Nakov</i>	2020 ACL (best demo, honorable mention)
26	CHECKTHAT! AT CLEF 2020: ENABLING THE AUTOMATIC IDENTIFICATION AND VERIFICATION OF CLAIMS IN SOCIAL MEDIA <i>Barrón-Cedeño, Elsayed, Nakov, Da San Martino, Hasanain, Suwaileh, Haouari</i>	2020 ECIR
25	SEM-EVAL-2020 TASK 11: DETECTION OF PROPAGANDA TECHNIQUES IN NEWS ARTICLES <i>Da San Martino, Barrón-Cedeño, Wachsmuth, Petrov, Nakov</i>	2020 SemEval (best task, honorable mention)
24	FINE-GRAINED ANALYSIS OF PROPAGANDA IN NEWS ARTICLES <i>Da San Martino, Yu, Barrón-Cedeño, Petrov, Nakov</i>	2019 EMNLP
23	TANBIH: GET TO KNOW WHAT YOU ARE READING <i>Zhang, Da San Martino, Barrón-Cedeño, Romeo, An, Kwak, Staykovski, Jaradat, Karadzhov, Baly, Darwish, Glass, Nakov</i>	2019 EMNLP

22	CHECKTHAT! AT CLEF 2019: AUTOMATIC IDENTIFICATION AND VERIFICATION OF CLAIMS <i>Elsayed, Nakov, Barrón-Cedeño, Hasanain, Suwaileh, Atanasova, Da San Martino</i>	2019 ECIR
21	PROPPY: A SYSTEM TO UNMASK PROPAGANDA IN ONLINE NEWS (DEMO) <i>Barrón-Cedeño, Da San Martino, Jaradat, Nakov</i>	2019 AAAI
20	A FLEXIBLE, EFFICIENT AND ACCURATE FRAMEWORK FOR COMMUNITY QUESTION ANSWERING PIPELINES (DEMO) <i>Romeo, Da San Martino, Barrón-Cedeño, Moschitti</i>	2018 ACL
19	CLAIMRANK: DETECTING CHECK-WORTHY CLAIMS IN ARABIC AND ENGLISH (DEMO) <i>Jaradat, Gencheva, Barrón-Cedeño, Màrquez, Nakov</i>	2018 NAACL
18	FACT CHECKING IN COMMUNITY FORUMS <i>Mihaylova, Nakov, Màrquez, Barrón-Cedeño, Mohtarami, Karadzhov, Glass.</i>	2018 AAAI
17	ON THE USE OF AN INTERMEDIATE CLASS IN BOOLEAN CROWDSOURCED RELEVANCE ANNOTATIONS FOR LEARNING TO RANK COMMENTS <i>Barrón-Cedeño, Da San Martino, Filice, Moschitti</i>	2017 SIGIR
16	CROSS-LANGUAGE QUESTION RE-RANKING <i>Da San Martino, Romeo, Barrón-Cedeño, Joty, Màrquez, Moschitti</i>	2017 SIGIR
15	A MULTIPLE-INSTANCE LEARNING APPROACH TO SENTENCE SELECTION FOR QUESTION RANKING <i>Romeo, Da San Martino, Barrón-Cedeño, and Alessandro Moschitti</i>	2017 ECIR
14	SELECTING SENTENCES VERSUS SELECTING TREE CONSTITUENTS FOR AUTOMATIC QUESTION RANKING <i>Barrón-Cedeño, Da San Martino, Romeo, Moschitti</i>	2016 COLING
13	NEURAL ATTENTION FOR LEARNING TO RANK QUESTIONS IN COMMUNITY QUESTION ANSWERING <i>Romeo, Da San Martino, Barrón-Cedeño, Moschitti, Belinkov, Glass, Mohtarami, Hsu, Zhang</i>	2016 COLING
12	LEARNING TO RE-RANK QUESTIONS IN COMMUNITY QUESTION ANSWERING USING ADVANCED FEATURES <i>Da San Martino, Barrón-Cedeño, Romeo, Uva, Moschitti</i>	2016 CIKM
11	GLOBAL THREAD-LEVEL INFERENCE FOR COMMENT CLASSIFICATION IN COMMUNITY QUESTION ANSWERING <i>Joty, Barrón-Cedeño, Da San Martino, Filice, Màrquez, Moschitti, Nakov</i>	2015 EMNLP
10	THREAD-LEVEL INFORMATION FOR COMMENT CLASSIFICATION IN COMMUNITY QUESTION ANSWERING <i>Barrón-Cedeño, Filice, Da San Martino, Joty, Màrquez, Nakov, Moschitti</i>	2015 ACL
9	A COMPARISON OF APPROACHES FOR MEASURING CROSS-LINGUAL SIMILARITY OF WIKIPEDIA ARTICLES <i>Barrón-Cedeño, Paramita, Clough, Rosso</i>	2014 ECIR
8	IDENTIFYING USEFUL HUMAN CORRECTION FEEDBACK FROM AN ON-LINE MACHINE TRANSLATION SERVICE <i>Barrón-Cedeño, Màrquez, Henríquez, Formiga, Merino, May</i>	2013 ICJAI
7	DESoCoRE: DETECTING SOURCE CODE RE-USE ACROSS PROGRAMMING LANGUAGES <i>Flores, Barrón-Cedeño, Rosso, Moreno</i>	2012 NAACL-HLT (demo)
6	PLAGIARISM DETECTION ACROSS DISTANT LANGUAGE PAIRS <i>Barrón-Cedeño, Rosso, Agirre, and Labaka</i>	2010 COLING
5	AN EVALUATION FRAMEWORK FOR PLAGIARISM DETECTION <i>Potthast, Stein, Barrón-Cedeño, Rosso</i>	2010 COLING
4	WORD LENGTH n -GRAMS FOR TEXT RE-USE DETECTION <i>Barrón-Cedeño, Basile, Degli Esposti, and Rosso</i>	2009 CICling
3	ON AUTOMATIC PLAGIARISM DETECTION BASED ON N-GRAMS COMPARISON <i>Barrón-Cedeño and Rosso</i>	2009 ECIR
2	REDUCING THE PLAGIARISM DETECTION SEARCH SPACE ON THE BASIS OF THE KULLBACK-LEIBLER DISTANCE <i>Barrón-Cedeño, Rosso, and Benedí</i>	2009 CICling

Publications in other conferences, workshops and shared tasks

44	HATE SPEECH DETECTION IN AN ITALIAN INCEL FORUM USING BILINGUAL DATA FOR PRE-TRAINING AND FINE-TUNING <i>Gajo, Bernardini, Ferraresi, Barrón-Cedeño</i>	2023 CLIC-it
43	!TRANSLATE: WHEN YOU CANNOT COOK UP A TRANSLATION, EXPLAIN <i>Garcea, Martinelli, Milicević Petrović, Barrón-Cedeño</i>	2023 RANLP
42	ON THE IDENTIFICATION AND FORECASTING OF HATE SPEECH IN INCELD OM <i>Gajo, Muti, Korre, Bernardini, Barrón-Cedeño</i>	2023 RANLP
41	HARMFUL LANGUAGE DATASETS: AN ASSESSMENT OF ROBUSTNESS <i>Korre, Pavlopoulos, Sorensen, Laugier, Androutsopoulos, Dixon, Barrón-Cedeño</i>	2023 ACL WOA
40	UNIBOE'S AT SEMEVAL-2023 TASK 10: MODEL-AGNOSTIC STRATEGIES FOR THE IMPROVEMENT OF HATE-TUNED AND GENERATIVE MODELS IN THE CLASSIFICATION OF SEXIST POSTS <i>Muti, Fernicola, Barrón-Cedeño</i>	2023 SemEval
39	OVERVIEW OF THE CLEF-2023 CHECKTHAT! LAB ON CHECKWORTHINESS, SUBJECTIVITY, POLITICAL BIAS, FACTUALITY, AND AUTHORITY OF NEWS ARTICLES AND THEIR SOURCE <i>Barrón-Cedeño, Alam, Galassi, Da San Martino, Nakov, Elsayed, Azizov, Caselli, Cheema, Haouari, Hasanain, Kutlu, Li, Ruggeri, Struß, Zaghouni</i>	2023 CLEF
38	OVERVIEW OF THE CLEF-2022 CHECKTHAT! LAB ON FIGHTING THE COVID-19 INFODEMIC AND FAKE NEWS DETECTION <i>Nakov, Barrón-Cedeño, Da San Martino, Alam, Struß, Mandl, Míguez, Caselli, Kutlu, Zaghouni, Li, Shaar, Shahi, Mubarak, Nikolov, Babulkov, Kartal, Wiegand, Siegel, Köhler</i>	2022 CLEF
37	OVERVIEW OF THE CLEF-2022 CHECKTHAT! LAB TASK 1 ON IDENTIFYING RELEVANT CLAIMS IN TWEETS <i>Nakov, Barrón-Cedeño, Da San Martino, Alam, Míguez, Caselli, Kutlu, Zaghouni, Li, Shaar, Mubarak, Nikolov, Kartal</i>	2022 CLEF WN
36	UNIBO AT SEMEVAL-2022 TASK 5: A MULTIMODAL BI-TRANSFORMER APPROACH TO THE BINARY AND FINE-GRAINED IDENTIFICATION OF MISOGYNY IN MEMES <i>Muti, Korre, Barrón-Cedeño</i>	2022 SemEval
35	MISOGYNY AND AGGRESSIVENESS TEND TO COME TOGETHER AND TOGETHER WE ADDRESS THEM <i>Muti, Fernicola, Barrón-Cedeño</i>	2022 LREC
34	A CHECKPOINT ON MULTILINGUAL MISOGYNY IDENTIFICATION <i>Muti and Barrón-Cedeño</i>	2022 ACL SRW
33	LEANINGTOWER@LT-EDI-ACL2022: WHEN HOPE AND HATE COLLIDE <i>Muti, Marchiori Manerba, Korre, Barrón-Cedeño</i>	2022 LT-EDI
32	ARE CRESCIA AND PIADINA THE SAME? TOWARDS IDENTIFYING SYNONYMY OR NON-SYNONYMY BETWEEN ITALIAN WORDS TO ENABLE CROWDSOURCING FROM LANGUAGE LEARNERS <i>Aparaschivei, Lionel Nicolas Barrón-Cedeño</i>	2021 CLIC-it
31	QLUSTY: QUICK AND DIRTY GENERATION OF EVENT VIDEOS FROM WRITTEN MEDIA COVERAGE <i>Barrón-Cedeño, Da San Martino, Zhang, Ali, Dalvi</i>	2018 NewsIR
30	OVERVIEW OF THE CLEF-2018 CHECKTHAT! LAB ON AUTOMATIC IDENTIFICATION AND VERIFICATION OF POLITICAL CLAIMS, TASK 1: CHECK-WORTHINESS <i>Atanasova, Màrquez, Barrón-Cedeño, Elsayed, Suwaileh, Zaghouni, Kyuchukov, Da San Martino, Nakov</i>	2017 CLEF Working Notes
29	OVERVIEW OF THE CLEF-2018 CHECKTHAT! LAB ON AUTOMATIC IDENTIFICATION AND VERIFICATION OF POLITICAL CLAIMS, TASK 2: FACTUALITY <i>Barrón-Cedeño, Elsayed, Suwaileh, Màrquez, Atanasova, Zaghouni, Kyuchukov, Da San Martino, Nakov</i>	2018 CLEF Working Notes
28	OVERVIEW OF THE CLEF-2018 CHECKTHAT! LAB ON AUTOMATIC IDENTIFICATION AND VERIFICATION OF POLITICAL CLAIMS <i>Nakov, Barrón-Cedeño, Elsayed, Suwaileh, Màrquez, Zaghouni, Atanasova, Kyuchukov, Da San Martino</i>	2018 CLEF

27	A CONTEXT-AWARE APPROACH FOR DETECTING WORTH-CHECKING CLAIMS IN POLITICAL DEBATES <i>Gencheva, Nakov, Màrquez, Barrón-Cedeño, Koychev</i>	2017 RANLP
26	FULLY AUTOMATED FACT CHECKING USING EXTERNAL SOURCES <i>Karadzhov, Nakov, Màrquez, Barrón-Cedeño, Koychev</i>	2017 RANLP
25	LUMP AT SEMEVAL-2017 TASK 1: TOWARDS AN INTERLINGUA SEMANTIC SIMILARITY <i>España-Bonet and Barrón-Cedeño</i>	2017 SemEval
24	AN INTERACTIVE SYSTEM FOR EXPLORING COMMUNITY QUESTION ANSWERING FORUMS <i>Hoque, Joty, Marquez, Barrón-Cedeño, Da San Martino, Moschitti, Nakov, Romeo, Carenini</i>	2016 COLING Demo
23	CONVKN AT SEMEVAL-2016 TASK 3: ANSWER AND QUESTION SELECTION FOR QUESTION ANSWERING ON ARABIC AND ENGLISH FORA <i>Barrón-Cedeño, Bonadiman, Da San Martino, Joty, Moschitti, Al Obaidli, Romeo, Tymoshenko, Uva</i>	2016 SemEval
22	A FACTORY OF COMPARABLE CORPORA FROM WIKIPEDIA <i>Barrón-Cedeño, España-Bonet, Boldoba, and Màrquez</i>	2015 BUCC
21	ANSWER SELECTION IN ARABIC COMMUNITY QUESTION ANSWERING: A FEATURE-RICH APPROACH <i>Belinkov, Barrón-Cedeño, and Mubarak</i>	2015 WANLP
20	QCRI: ANSWER SELECTION FOR COMMUNITY QUESTION ANSWERING - EXPERIMENTS FOR ARABIC AND ENGLISH <i>Nicosia, Filice, Barrón-Cedeño, Saleh, Mubarak, Gao, Nakov, Da San Martino, Moschitti, Darwish, Màrquez, Joty, Magdy</i>	2015 SemEval
19	OVERVIEW OF THE AUTHOR IDENTIFICATION TASK AT PAN 2014 <i>Stamatatos, Daelemans, Verhoeven, Potthast, Stein, Juola, Sanchez-Perez, and Barrón-Cedeño</i>	2014 CLEF
18	IPA AND STOUT: LEVERAGING LINGUISTIC AND SOURCE-BASED FEATURES FOR MACHINE TRANSLATION EVALUATION <i>González, Barrón-Cedeño, and Màrquez</i>	2014 WMT
17	UPC-CORE: WHAT CAN MACHINE TRANSLATION EVALUATION METRICS AND WIKIPEDIA DO FOR ESTIMATING SEMANTIC TEXTUAL SIMILARITY? <i>Barrón-Cedeño, Màrquez, Fuentes, Rodríguez, Turmo</i>	2013 *SEM
16	THE TALP-UPC APPROACH TO SYSTEM SELECTION: ASIYA FEATURES AND PAIRWISE CLASSIFICATION USING RANDOM FORESTS <i>Formiga, González, Barrón-Cedeño, Fonollosa, Màrquez</i>	2013 WMT
15	CROSS-LANGUAGE HIGH SIMILARITY SEARCH USING A CONCEPTUAL THESAURUS <i>Gupta, Barrón-Cedeño, Rosso</i>	2012 CLEF
14	OVERVIEW OF THE 4TH INTERNATIONAL COMPETITION ON PLAGIARISM DETECTION <i>Potthast, Gollub, Hagen, Grassegger, Kiesel, Michel, Oberländer, Tippmann, Barrón-Cedeño, Gupta, Rosso, Stein</i>	2012 CLEF
13	TOWARDS THE DETECTION OF CROSS-LANGUAGE SOURCE CODE REUSE <i>Flores, Barrón-Cedeño, Rosso, Moreno</i>	2011 NLDB
12	PAN@FIRE: OVERVIEW OF THE CROSS-LANGUAGE INDIAN TEXT RE-USE DETECTION COMPETITION <i>Barrón-Cedeño, Rosso, Lalitha Devi, Clough, Stevenson</i>	2011 FIRE
11	OVERVIEW OF THE 3RD INTERNATIONAL COMPETITION ON PLAGIARISM DETECTION <i>Potthast, Eiselt, Barrón-Cedeño, Stein, Rosso</i>	2011 CLEF
10	DETECTING SOURCE CODE REUSE ACROSS PROGRAMMING LANGUAGES <i>Flores, Barrón-Cedeño, Rosso, Moreno</i>	2011 SEPLN
9	OVERVIEW OF THE 2ND INTERNATIONAL COMPETITION ON PLAGIARISM DETECTION <i>Potthast, Barrón-Cedeño, Eiselt, Stein, Rosso</i>	2010 CLEF
8	ON THE MONO- AND CROSS-LANGUAGE DETECTION OF TEXT REUSE AND PLAGIARISM <i>Barrón-Cedeño</i>	2010 SIGIR DC
7	TOWARDS THE 2ND INTERNATIONAL COMPETITION ON PLAGIARISM DETECTION AND BEYOND <i>Barrón-Cedeño and Rosso</i>	2010 IPC

6	CORPUS AND EVALUATION MEASURES FOR AUTOMATIC PLAGIARISM DETECTION <i>Barrón-Cedeño, Potthast, Rosso, Stein, and Eiselt</i>	2010 LREC
5	ENGLISH-SPANISH LARGE STATISTICAL DICTIONARY OF INFLECTIONAL FORMS <i>Sidorov, Barrón-Cedeño, Rosso</i>	2010 LREC
4	MONOLINGUAL TEXT SIMILARITY MEASURES: A COMPARISON OF MODELS OVER WIKIPEDIA ARTICLES REVISIONS <i>Barrón-Cedeño, Eiselt, Rosso</i>	2009 ICON
3	OVERVIEW OF THE 1ST INTERNATIONAL COMPETITION ON PLAGIARISM DETECTION <i>Potthast, Stein, Eiselt, Barrón-Cedeño, Rosso</i>	2009 PAN
2	ON CROSS-LINGUAL PLAGIARISM ANALYSIS USING A STATISTICAL MODEL <i>Barrón-Cedeño, Rosso, Pinto, and Juan</i>	2008 PAN
1	TOWARDS THE EXPLOITATION OF STATISTICAL LANGUAGE MODELS FOR PLAGIARISM DETECTION WITH REFERENCE <i>Barrón-Cedeño and Rosso</i>	2008 PAN

Editorial Service

Specialty Chief Editor

FRONTIERS IN ARTIFICIAL INTELLIGENCE

- Natural Language Processing Specialty Section

Frontiers
2023 – today

Editor

3	EXPERIMENTAL IR MEETS MULTILINGUALITY, MULTIMODALITY, AND INTERACTION. PROC. OF THE THIRTEENTH INTL. CONF. OF THE CLEF ASSOCIATION (CLEF 2022) <i>Barrón-Cedeño, Da San Martino, Degli Esposti, Sebastiani, Macdonald, Pasi, Hanbury, Potthast, Faggioli, Ferro</i>	2022 LNCS
2	ONLINE INFORMATION DISORDER: FAKE NEWS, BOTS AND TROLLS (SPECIAL ISSUE) <i>Giachanou, Zhang, Barrón-Cedeño, Koltsova, Rosso</i>	2022 IJDSA
1	NATURAL LANGUAGE PROCESSING FOR INTERNET FREEDOM: CENSORSHIP, DISINFORMATION, AND PROPAGANDA (NLP4IF) <i>Giachanou, Zhang, Barrón-Cedeño, Koltsova, Rosso</i>	2022 IJDSA

Funding²

2022–2023	PI of Almaldea Project !Trans , Alma Mater Studiorum–Università di Bologna	24,000.00€
2021–2024	PhD Fellowship (as supervisor) , Regione Emilia–Romagna Alte Competenze (Italy)	86,743.44€
2019	Marie Skłodowska Curie Postdoctoral Grant , Horizon Europe (fellowship granted, unused)	183,473.28€
2012 – 2013	A. Bensoussan Fellowship , European Research Consortium for Informatics and Mathematics	43,330.17€
2007 – 2012	PhD Scholarship , Mexican Council of Science and Technology	57,600€
2004 – 2006	MSc scholarship , Mexican Council of Science and Technology	~9,350€

Teaching

Università di Bologna

LECTURER AT THE MA PROGRAM “SPECIALISED TRANSLATION” (TRANSLATION AND TECHNOLOGY)

- Advanced Professional Skills (2023–2024)
- Natural Language Processing (2022–2024)
- Profession-based Research (2022–2024)
- Computational Linguistics (2019–2021)
- Software Localisation (2020–2022)

Forlì, Italy
2020–2022

²Excluding funds for research internships and projects in which I have been participant.

Università di Bologna

LECTURER AT THE BA PROGRAM “IN LANGUAGES AND TECHNOLOGIES FOR INTERCULTURAL COMMUNICATION”

- Computational Thinking (2023)

Forlì, Italy

2023–

Universidad Nacional Autónoma de México

LECTURER ASSISTANT AT THE B.ENG. IN COMPUTING

- Computers and Programming (1st semester)

Mexico City, Mexico

2005 – 2007

Selected Honors & Awards

2020	Best demonstration paper (honorable mention): Prta: A System to Support the Analysis of Propaganda Techniques in the News , 58th Annual Meeting of the Association for Computational Linguistics	ACL
2020	Best Task (honorable mention): Task 11: Detection of Propaganda Techniques in News Articles , Fourteenth Workshop on Semantic Evaluation	SemEval
2012	Ph.D. international mention , Universitat Politècnica de València	Valencia, Spain
2009	Best M.Sc. thesis on Language Technologies , MAVIR	Spain
2007	M.Sc degree, cum laude , National University of Mexico	Mexico City, Mexico
2004	BEng. cum laude , National University of Mexico	Mexico City, Mexico

PhD Dissertations Supervision

Towards a Universal and Cross-language Approach to Internet Hate Speech Detection and Analysis

KATERINA KORRE. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisor: Beatrice Spallacia)

Forlì, Italy

ongoing

Deep learning for automatic misogyny identification

ARIANNA MUTI. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisor: Beatrice Spallacia)

Forlì, Italy

ongoing

Natural Language Processing for Gastronomy

PAOLO GAJO. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisor: Andrea Omicini)

Forlì, Italy

ongoing

Masters Dissertations Supervision

QueerBench: Quantifying Discrimination in Language Models towards Queer Identities

MAE SOSTO. MSc. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisor: Beatrice Spallaccia)

Bologna, Italy

2023

This Is My Cope: Identification and Forecasting of Hate Speech in Inceldom

PAOLO GAJO. MA. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisors: Silvia Bernardini, Adriano Ferraresi)

Forlì, Italy

2023

Decoding Medical Dramas: Identifying Isotopies through Multimodal Classification

ALICE FEDOTOVA. MA. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisor: Maja Milicevic Petrovic)

Forlì, Italy

2023

Return to the Source: Assessing Machine Translation Suitability based on the Source Text using XLM-RoBERTa (cum laude)

FRANCESCO FERNICOLA. MA. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisors: Silvia Bernardini, Federico Garcea)

Forlì, Italy

2022

Methods of Definition Extraction and Linking for Food Recipes (cum laude)

MARGHERITA MARTINELLI. MA. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisors: Adriano Ferraresi, Federico Garcea)

Forlì, Italy

2022

Emotion Identification in Italian Opera (cum laude)

SHIBINGFENG ZHANG. MA. ALMA MATER STUDIORUM–UNIVERSITÀ DI BOLOGNA

(co-supervisor: Adriano Ferraresi)

Forlì, Italy

2021

Towards Open-Domain Cross-Language Question Answering

INES ABBES. MSc. NATIONAL HIGHER ENGINEERING SCHOOL OF TUNIS

(co-supervision with Mohamed Jemni)

Tunisia / Qatar

2018

Semiautomatic completion of Wikipedia Contents with domain-specific MT and CLIR

ADRIANA ELENA COSMA. MSc, UNIVERSITAT POLITÈCNICA DE CATALUNYA

(co-supervision with Cristina España-Bonet and Horacio Rodriguez)

Barcelona, Spain

2015

Exploiting Wikipedia to Enrich a Machine Translator

JOSU BOLDOBA TRAPOTE. BSc, UNIVERSITAT POLITÈCNICA DE CATALUNYA

(co-supervision with Cristina España-Bonet and Lluís Màrquez)

Barcelona, Spain

2014

Organisation of Scientific Events

GENERAL CHAIRMAN OF CLEF: CONFERENCE AND LABS OF THE EVALUATION FORUM

Bologna, Italy

2022

CLEF

CHECKTHAT! LAB ON DETECTING CHECK-WORTHY CLAIMS, PREVIOUSLY FACT-CHECKED CLAIMS, AND FAKE NEWS.

2018–2024

CLEF

TASK 11: DETECTION OF PROPAGANDA TECHNIQUES IN NEWS ARTICLES.

Barcelona, Spain

2020

SemEval

DISCOVERY CHALLENGE: LEARNING TO RE-RANK QUESTIONS FOR CQA.

Riva del Garda, Italy

2016

ECML/PKDD

PAN 1ST–4TH INTERNATIONAL TASK ON PLAGIARISM DETECTION

2009–2012

CLEF (1st at SEPLN)

WORKSHOP ON IBERIAN CROSS-LANGUAGE NATURAL LANGUAGE PROCESSING TASKS

Spain

2012, 2011

SEPLN

CL!TR - CROSS-LANGUAGE INDIAN TEXT REUSE

Bombay, India

2011

FIRE

Selected invited talks

KEYNOTE. ON THE DEFINITION AND THE AUTOMATIC DETECTION OF HATE SPEECH <i>Timișoara, Romania</i>	2023 RADH
SEMINAR. AN APERITIVO OF EFFORTS AGAINST HARMING ONLINE CONTENTS: PROPAGANDA, HATE SPEECH, SPAM <i>Cambridge, UK</i>	2022 Cambridge NLP Seminar Series
SEMINAR. ON THE RELEVANCE OF UNMASKING PROPAGANDA ONLINE <i>London, UK</i>	2021 QMUL Cognitive Science
SEMINAR. PROPAGANDA IS BEHIND (DIS)INFORMATION CONCEPTS AND COUNTER-MEASURES <i>Montréal, Canada</i>	2020 OLST-RALI Seminars
KEYNOTE. FROM UNCOVERING TO PROMOTING AND EXPLOITING TEXT RE-USE <i>St. Petersburg, Russia</i>	2015 AINL-ISMW FRUCT
TUTORIAL. PLAGIARISM DETECTION (EXTERNAL APPROACH) <i>St. Petersburg, Russia</i>	2015 AINL-ISMW FRUCT
TUTORIAL: DETECTION OF PLAGIARISM AND TEXT REUSE <i>Kharagpur, India (in conjunction with Paolo Rosso)</i>	2010 ICON

Evaluation Committees (grants and projects)

2023	Project Reviewer , Swiss National Science Foundation	Switzerland
2020	PhD Student Selection Committee , DIT, Università di Bologna	Italy
2017	National Program for Scholarships Abroad , CONACyT	Mexico
2017	Annual Computer Science Projects , CONICYT	Chile
2017, 2015	Challenge 22. FIFA's World Cup 2022 Projects , Supreme Committee for Delivery & Legacy	Qatar

Selected Program Committees

Journals KNOSYS • IP&M • JIS • LRE • NLE • KAIS • ESWA • ACM TIST • JAIR • INFFUS • JCSL • IEEE Trans. Educ
Conferences AAAI (senior PC) • ACL • SIGIR • EMNLP • IJCAI • NAACL • ECIR • CONLL

Research Internships and Visits

Università di Bologna Extra-UE Visits LOCAL CONTACT: PROF. PATRICK DROUIN.	Université de Montréal, Canada June 2024
Plagiarism detection and authorship identification SUPERVISOR: PROF. BENNO STEIN.	Bauhaus-Universität Weimar, Germany Jan. – Feb. 2014
Analysis of text re-use and plagiarism SUPERVISOR: DR. PAUL CLOUGH	University of Sheffield, UK Jun. – Oct. 2010
Automatic extraction of terms SUPERVISOR: DR. PATRICK DROUIN	Université de Montréal, Canada Sep 2006 – Jan 2007

Other

Languages Spanish (native speaker) • English (full professional proficiency) • Italian (Professional Working Proficiency) • French (elementary proficiency)