

Publications of Bárbara Poblete by year

Year 2011

1. Carlos Castillo, Marcelo Mendoza, Bárbara Poblete. Information Credibility on Twitter. In *Proc. 20th International World Wide Web Conference (WWW)*, pp. 675-684, Mar 2011. Hyderabad, India. ACM Press, New York, NY, USA. ISBN 978-1-4503-0632-4.
2. Ruth Garcia, Bárbara Poblete, Marcelo Mendoza, Alejandro Jaimes. Microblogging without Borders: Differences and Similarities. In *Proc. 3rd ACM Web Science Conference (WebSci)*, pp. 1-4, Jun 2011. Koblenz, Germany. ACM Press, New York, NY, USA.
3. Bárbara Poblete, Myra Spiliopoulou, Marcelo Mendoza. Query-Sets++: A Scalable Approach for Modeling Web Sites. In Roberto Grossi, Fabrizio Sebastiani, and Fabrizio Silvestri (ed.), *Proc. 18th International Symposium on String Processing and Information Retrieval (SPIRE)*, pp. 129-134, Oct 2011. Pisa, Italy. Springer-Verlag, Berlin/Heidelberg, Germany. Lecture Notes in Computer Science vol. 7024.
4. Bárbara Poblete, Ruth Garcia, Marcelo Mendoza, Alejandro Jaimes. Do All Birds Tweet the Same? Characterizing Twitter Around the World. In I. Ounis and I. Ruthven (ed.), *Proc. 20th ACM International Conference on Information and Knowledge Management (CIKM)*, pp. 1025-1030, Oct 2011. Glasgow, Scotland. ACM Press, New York, NY, USA. ISBN 978-1-4503-0717-8.
5. Teresa Bracamonte, Bárbara Poblete. Automatic Image Tagging Through Information Propagation in a Query Log Graph Based Structure. In *Proc. 19th ACM Multimedia Conference (ACM MM)*, pp. 1201-1204, Nov 2011. Scottsdale, Arizona, USA. ACM Press, New York, NY, USA. ISBN 978-1-4503-0616-4.

Year 2012

1. Ilaria Bordino, Debora Donato, Bárbara Poblete. Extracting Interesting Association Rules from Toolbar Data. In ACM (ed.), *Proc. 21st ACM International Conference on Information and Knowledge Management (CIKM)*, pp. 2543-2546, Oct 2012. Maui, Hawaii, USA. ACM Press, New York, NY, USA. ISBN 978-1-4503-1156-4. Poster.
2. Felipe Bravo-Marquez, Marcelo Mendoza, Daniel Gayo-Avello, Bárbara Poblete. Opinion Dynamics of Elections in Twitter. In *Proc. 8th Latin American Web Congress (LAWEB)*, pp. 32-39, Oct 2012. Cartagena de Indias, Colombia. Conference Publishing Services. ISBN 978-0-7695-4839-5/12.

Year 2013

1. Jheser Guzman, Bárbara Poblete. On-line Relevant Anomaly Detection in the Twitter Stream: An Efficient Bursty Keyword Detection Model. In *Proc. 1st ACM SIGKDD Work-*

shop on Outlier Detection and Description (ODD), pp. 31-39, Aug 2013. Chicago, IL, USA. ACM Press, New York, NY, USA.

2. Marcelo Mendoza, Bárbara Poblete, Felipe Bravo-Marquez, Daniel Gayo-Avello. Long-Memory Time Series Ensembles for Concept Shift Detection. In *Proc. 2nd International Workshop on Big Data, Streams and Heterogeneous Source Mining: Algorithms, Systems, Programming Models and Applications (BigMine)*, pp. 23-30, Aug 2013. Chicago, IL, USA. ACM Press, New York, NY, USA. ISBN 978-1-4503-2324-6.
3. Felipe Bravo-Marquez, Marcelo Mendoza, Bárbara Poblete. Combining Strengths, Emotions and Polarities for Boosting Twitter Sentiment Analysis. In *Proc. 2nd International Workshop on Issues of Sentiment Discovery and Opinion Mining (WISDOM)*, pp. article 2, Aug 2013. Chicago, IL, USA. ACM Press, New York, NY, USA. ISBN 978-1-4503-2332-1.
4. Carlos Castillo, Marcelo Mendoza, Bárbara Poblete. Predicting Information Credibility in Time-Sensitive Social Media. *Internet Research (IR)* 23(5):560-588, Aug 2013. Emerald Group Publishing Limited. ISSN 1066-2243.

Year 2014

1. Felipe Bravo-Marquez, Marcelo Mendoza, Bárbara Poblete. Meta-Level Sentiment Models for Big Social Data Analysis. *Knowledge-Based Systems (KBS)* 69:86-99, Oct 2014. Elsevier Science, Amsterdam, The Netherlands. ISSN 0950-7051.

Year 2015

1. Jazmine Maldonado, Vanessa Peña, Bárbara Poblete. Spatio and Temporal Characterization of Chilean News Events in Social Media. In Vanessa Murdock, Claudia Hauff, (ed.), *Proc. 2nd SIGIR 2015 Workshop on Temporal, Social and Spatially-aware Information Access (TAIA)*, pp. article 5, Aug 2015. Santiago, Chile.
2. Mauricio Quezada, Vanessa Peña, Bárbara Poblete. Location-Aware Model for News Events in Social Media. In *Proc. 38 Annual International ACM Conference on Research and Development in Information Retrieval (SIGIR)*, pp. 935-938, Aug 2015. Santiago, Chile. ACM Press, New York, NY, USA. ISBN 978-1-4503-3621-5.
3. Vanessa Peña, Mauricio Quezada, Bárbara Poblete. Galean: Visualization of Geolocated News Events from Social Media. In *Proc. 38 Annual International ACM Conference on Research and Development in Information Retrieval (SIGIR)*, pp. 1041-1042, Aug 2015. Santiago, Chile. ACM Press, New York, NY, USA. ISBN 978-1-4503-3621-5.
4. José Miguel Herrera, Denis Parra, Bárbara Poblete. Retrieving Relevant Conversations for Q&A on Twitter. In *Proc. 1st SIGIR International Workshop on Social Personalization & Search (SPS)*, pp. article 6, Aug 2015. Santiago, Chile. CEUR Publications. ISBN 978-1-4503-3621-5.

5. Francisco Gutierrez, Bárbara Poblete. Sentiment-based User Profiles in Microblogging Platforms. In *Proc. 26th ACM Conference on Hypertext and Social Media (HT)*, pp. 23-32, Sep 2015. Cyprus. ACM Press, New York, NY, USA.

Year 2016

1. Janani Kalyanam, Mauricio Quezada, Bárbara Poblete, Gert Lanckriet. Prediction and Characterization of High-Activity Events in Social Media Triggered by Real-World News. *PLOS ONE (PLOS ONE)* 11(12):article e0166694, Dec 2016. PLOS ONE. ISSN 1932-6203.
2. Teresa Bracamonte, Aidan Hogan, Bárbara Poblete. Applying Community Detection Methods to Cluster Tags in Multimedia Search Results. In *Proc. IEEE International Symposium on Multimedia (ISM)*, pp. paper 96, 2016. IEEE Computer Society Press, Los Alamitos, CA, USA.

Year 2017

1. Vanessa Peña, Mauricio Quezada, Bárbara Poblete, Denis Parra. Gaining Historical and International Relations Insights from Social Media: Spatio-temporal Real-world News Analysis using Twitter. *EPJ Data Science (EPJ DS)* 6(1):article 25, Oct 2017. SpringerOpen, Springer-Verlag, Heidelberg, Germany. ISSN 2193-1127.
2. Henry Rosales-Méndez, Bárbara Poblete, Aidan Hogan. Multilingual Entity Linking: Comparing English and Spanish. In *Proc. 5th Linked Data for Information Extraction Workshop (LD4IE)*, pp. 62-73, Oct 2017. Vienna, Austria. CEUR Publications.
3. Jazmine Maldonado, Jheser Guzman, Bárbara Poblete. A Lightweight and Real-Time Worldwide Earthquake Detection and Monitoring System Based on Citizen Sensors. In *Proc. 5th AAAI Conference on Human Computation and Crowdsourcing (HCOMP)*, pp. 137-146, 2017. Quebec City, Canada. Association for the Advancement of Artificial Intelligence, www.aaai.org.
4. Bárbara Poblete. Twicalli: An Earthquake Detection System Based on Citizen Sensors Used for Emergency Response in Chile. In *Proc. 40th Annual International ACM Conference on Research and Development in Information Retrieval (SIGIR)*, pp. 1359, 2017. Tokyo, Japan. ACM Press, New York, NY, USA.

Year 2018

1. José Miguel Herrera, Bárbara Poblete, Denis Parra. Learning to Leverage Microblog Information for QA Retrieval. In *Proc. 40th European Conference on Information Retrieval (ECIR)*, pp. 507-520, 2018. Grenoble, France. Springer International Publishing AG, Gewerbstrasse 11, 6330 Cham, Switzerland. Advances in Information Retrieval.

2. Jorge Bahamonde, Johan Bollen, Erick Elejalde, Leo Ferres, Bárbara Poblete. Power Structure in Chilean News Media. *PLOS ONE (PLOS ONE)* 13(6):article e0197150, Jun 2018. PLOS ONE. ISSN 1932-6203.
3. Teresa Bracamonte, Benjamin Bustos, Bárbara Poblete, Tobias Schreck. Extracting Semantic Knowledge from Web Context for Multimedia IR: A Taxonomy, Survey and Challenges. *Multimedia Tools and Applications (MTAP)* 77(11):13853-13889, Jun 2018. Springer, New York, NY, USA. ISSN 1380-7501.
4. Bárbara Poblete, Jheser Guzman, Jazmine Maldonado, Felipe Tobar. Robust Detection of Extreme Events Using Twitter: Worldwide Earthquake Monitoring. *IEEE Transactions on Multimedia (ToMM)* 20(10):2551-2561, Oct 2018. IEEE Press, Piscataway, NJ, USA. ISSN 1520-9210.
5. Henry Rosales-Méndez, Bárbara Poblete, Aidan Hogan. What Should Entity Linking link?. In *Proc. 12th Alberto Mendelzon International Workshop on Foundations of Data Management (AMW)*, pp. paper 10, May 2018. Cali, Colombia. CEUR Publications. CEUR Workshop Proceedings.
6. Henry Rosales-Méndez, Aidan Hogan, Bárbara Poblete. Machine Translation vs. Multilingual Approaches for Entity Linking. In *Proc. 17th International Semantic Web Conference (ISWC)*, pp. article 53, Oct 2018. Monterey, CA, USA. ISBN 978-3-030-00667-9. Poster.
7. Henry Rosales-Méndez, Aidan Hogan, Bárbara Poblete. VoxEL: A Benchmark Dataset for Multilingual Entity Linking. In *Proc. 17th International Semantic Web Conference (ISWC)*, pp. 170-186, Oct 2018. Monterey, CA, USA. ISBN 978-3-030-00667-9. Resources Track.

Year 2019

1. Marcelo Mendoza, Bárbara Poblete, Ignacio Valderrama. Nowcasting Earthquake Damages with Twitter. *EPJ Data Science (EPJ DS)* 8(3), Jan 2019. SpringerOpen, Springer-Verlag, Heidelberg, Germany. ISSN 2193-1127.
2. Karen Oróstica, Bárbara Poblete. Mining the Relationship Between Car Theft and Places of Social Interest in Santiago Chile. In *Proc. 10th Latin American Web Congress (LAWEB)*, pp. 811-814, May 2019. San Francisco, California, USA. Conference Publishing Services.
3. Juglar Díaz, Bárbara Poblete. Car Theft Reports: a Temporal Analysis from a Social Media Perspective. In *Proc. 10th Latin American Web Congress (LAWEB)*, pp. 779-782, May 2019. San Francisco, California, USA. Conference Publishing Services.
4. Henry Rosales-Méndez, Aidan Hogan, Bárbara Poblete. NIFify: Towards Better Quality Entity Linking Datasets. In *Proc. 10th Latin American Web Congress (LAWEB)*, pp. 815-818, May 2019. San Francisco, California, USA. Conference Publishing Services.

5. Ayme Arango, Jorge Pérez, Bárbara Poblete. Hate Speech Detection is not as Easy as you May Think: A Closer Look at Model Validation. In *Proc. 42th Annual International ACM Conference on Research and Development in Information Retrieval (SIGIR)*, pp. 45-54, Jul 2019. Paris, France. ACM Press, New York, NY, USA.
6. Henry Rosales-Méndez, Aidan Hogan, Bárbara Poblete. Fine-Grained Evaluation for Entity Linking. In *Proc. Empirical Methods in Natural Language Processing (EMNLP)*, pp. 718-727, Nov 2019. Hong Kong. Association for Computational Linguistic. ISBN 978-1-950737-90-1.
7. José Miguel Herrera, Denis Parra, Bárbara Poblete. Social QA in non-CQA platforms. *Future Generation Computer Systems (FGCS)* 105:631-649, Dec 2019. Elsevier Science, Amsterdam, The Netherlands. ISSN 0167-739X.

Year 2020

1. Juglar Díaz, Bárbara Poblete, Felipe Bravo-Marquez. An Integrated Model for Textual Social Media Data with Spatio-Temporal Dimensions. *Information Processing and Management* 57(5), Sep 2020. Elsevier Science, Amsterdam, The Netherlands. ISSN 0306-4573.
2. Henry Rosales-Méndez, Aidan Hogan, Bárbara Poblete. Fine-Grained Entity Linking. *Journal of Web Semantics (JWS)* 65:article 100600, Aug 2020. Elsevier Science, Amsterdam, The Netherlands. ISSN 1570-8268.
3. Bárbara Poblete, Jorge Pérez. Minding the AI Gap in LATAM. *Communications of the ACM (CACM)* 63(11):61-63, Nov 2020. ACM Press, New York, NY, USA. ISSN 0001-0782.
4. Bárbara Poblete. Mining Social Networks to Learn about Rumors, Hate Speech, Bias and Polarization - Abstract. In *Proc. Workshop on Online Misinformation- and Harm-Aware Recommender Systems (OHARS)*, pp. 1-2, 2020. CEUR Publications.

Year 2021

1. Hernán Sarmiento, Bárbara Poblete. Crisis Communication: A Comparative Study of Communication Patterns across Crisis Events in Social Media. In *Proc. 36th ACM Symposium on Applied Computing (SAC)*, pp. 1711-1720, Mar 2021. Gwangju, Korea. ACM Press, New York, NY, USA.
2. Juan Pablo Luna, Cristian Pérez, Sergio Toro, Fernando Rosenblatt, Bárbara Poblete, Sebastián Valenzuela, Andrés Cruz, Naim Bro, Daniel Alcatruz, Andrea Escobar. Much Ado About Facebook? Evidence from 80 Congressional Campaigns in Chile. *Journal of Information Technology & Politics*, Jun 2021. Taylor and Francis, London, UK. ISSN 1933-1681.
3. Ayme Arango, Jorge Pérez, Bárbara Poblete. Hate Speech Detection is not as Easy as you may Think: A Closer Look at Model Validation (Extended Version). *Information Systems* 105, 2021. Elsevier Science, Amsterdam, The Netherlands. ISSN 0306-4379.

Year 2022

1. Juglar Díaz, Felipe Bravo-Marquez, Bárbara Poblete. Language Modeling on Location-Based Social Networks. *ISPRS International Journal of Geo-Information (IJGI)* 11(2):article 147, 2022. Molecular Diversity Preservation International, Basel, Switzerland. ISSN 2220-9964.
2. Hernán Sarmiento, Felipe Bravo-Marquez, Eduardo Graells-Garrido, Bárbara Poblete. Identifying and Characterizing New Expressions of Community Framing during Polarization. In *Proc. International AAAI Conference on Web and Social Media (ICWSM)*, pp. 841-851, Jun 2022. Association for the Advancement of Artificial Intelligence, www.aaai.org. ISBN 10-1-57735-875-9.
3. Ayme Arango, Jorge Pérez, Bárbara Poblete, Valentina Proust, Magdalena Saldaña. Multilingual Resources for Offensive Language Detection. In *Proc. 6th Workshop on Online Abuse and Harms (WOAH)*, pp. 122-130, Jul 2022. Seattle, WA, USA. Association for Computational Linguistic.

Year 2023

1. Cinthia Sánchez, Hernán Sarmiento, Andrés Abeliuk, Jorge Pérez, Bárbara Poblete. Cross-Lingual and Cross-Domain Crisis Classification for Low-Resource Scenarios. In *Proc. International AAAI Conference on Web and Social Media (ICWSM)*, 2023. Association for the Advancement of Artificial Intelligence, www.aaai.org.

Year 2025

1. Cinthia Sánchez, Andrés Abeliuk, Bárbara Poblete. Large Language Models in Crisis Informatics for Zero and Few-Shot Classification. *ACM Transactions on the Web* 19(4):article 45, 2025. ACM Press, New York, NY, USA. ISSN 1559-1131.