Maria Soledad Pera

- Sean MacLachlan, Nevena Dragovic, Stacey Donohue and **Maria Soledad Pera**. One Size Doesn't Fit All: Helping Users Find Events from Multiple Perspectives. ACM RecSys Workshop on Recommenders in Tourism. Boston, USA, September 2016.

- Stacey Donohue, Nevena Dragovic, and **Maria Soledad Pera**. Anything Fun Going On? A Simple Wizard to Avoid the Cold-Start Problem for Event Recommenders. ACM RecSys Workshop on Recommenders in Tourism. Boston, USA, September 2016.

- Ion Madrazo and **Maria Soledad Pera.** Is Readability a Valuable Signal for Hashtag Recommendations?. Poster at ACM Conference on Recommender Systems (ACM RecSys 2016). Boston, USA, September 2016.

- Nevena Dragovic and **Maria Soledad Pera**. Genre Prediction to Inform the Recommendation Process. Poster at ACM Conference on Recommender Systems (ACM RecSys 2016). Boston, USA, September 2016.

- Ion Madrazo Azpiazu, Nevena Dragovic, and **Maria Soledad Pera**. Finding, Understanding and Learning: Making Information Discovery Tasks Useful for Children and Teachers. ACM SIGIR Workshop on Search as Learning. Pisa, Italy, July 2016.

- Nevena Dragovic, Ion Madrazo Azpiazu, and **Maria Soledad Pera**. 2016. "Is Sven Seven?": A Search Intent Module for Children. In Proceedings of the 39th International ACM SIGIR Conference on Research and Development in Information Retrieval (SIGIR '16). Pisa, Italy, July 2016.

- Joel Denning, **Maria Soledad Pera**, and Yiu-Kai Ng, A Readability Level Prediction Tool for K-12 Books . To appear in Journal of the Association for Information Science and Technology (JASIST), John Wiley & Sons, Inc., February/March 2016.

- Meher Shaikh, **Maria Soledad Pera**, and Yiu-Kai Ng, Suggesting Simple and Comprehensive Queries to Elementary-Grade Children. To appear in Proceedings of the IEEE/WIC/ACM Conference on Web Intelligence (WI'15), Singapore, December 6-9, 2015.

- Nevena Dragovic and **Maria Soledad Pera**. Exploiting Reviews to Guide Users' Selections. In Proceedings of the 9th ACM Conference on Recommender Systems (ACM RecSys 2015), Vienna, Austria, September 16-20, 2015.

- **Maria Soledad Pera** and Yiu-Kai Ng, A Recommendation-Based Book-Exchange System Without Using Wish Lists. In Proceedings of the 9th ACM Conference on Recommender Systems (ACM RecSys 2015), Vienna, Austria, September 16-20, 2015.

- Shahrzad Karimi and **Maria Soledad Pera.** Recommendations to enhance Children Web Searches. In Proceedings of the 9th ACM Conference on Recommender Systems (ACM RecSys 2015), Vienna, Austria, September 16-20, 2015.

- **Maria Soledad Pera** and Yiu-Kai Ng, Analyzing Book-Related Features to Recommend Books for Emergent Readers. In Proceedings of the 26th ACM Conference on Hypertext and Social Media (ACM HT 2015), pp. 221-230, Cyprus, September 1-4, 2015.

- **Maria Soledad Pera** and Yiu-Kai Ng, *Automating Readers' Advisory to Make Book Recommendations for K-12 Readers*. To appear in Proceedings of the ACM Conference on Recommender Systems (ACM RecSys), Foster City, Silicon Valley, CA., October 6-10, 2014.
- **Maria Soledad Pera** and Yiu-Kai Ng, *Assisting Emergent Readers in Finding Books to Read*. To appear in Proceedings of the ACM Conference on Recommender Systems (ACM RecSys), Foster City, Silicon Valley, CA., October 6, 2014.
- **Maria Soledad Pera** and Yiu-Kai Ng, *How Can We Help Our K-12 Teachers?: Using a Recommender to Make Personalized Book Suggestions*. In Proceedings of the IEEE/WIC/ACM Web Intelligence (WI'14), pp. 335-342, Warsaw, Poland, August 11-14, 2014.
- **Maria Soledad Pera** and Yiu-Kai Ng, *Exploiting the Wisdom of Social Connections to Make Personalized Recommendations on Scholarly Articles*. Journal of Intelligent Information Systems (JIIS), Volume 42, Issue 3, pp. 371-391, Springer, June 2014.
- **Maria Soledad Pera** and Angel Luis Garrido, *SOLE-R, a Semantic and Linguistic Approach for Book Recommendations*. In Proceedings of the 14th IEEE International Conference on Advanced Learning Technologies (ICALT), pp. 524 – 528, February 2014.
- Meher Shaikh, **Maria Soledad Pera**, and Yiu-Kai Ng, *A Probabilistic Query Suggestion Approach Without Using Query Logs*. In Proceedings of the IEEE International Conference on Tools with Artificial Intelligence (IEEE ICTAI), pp. 633-639, Washington, D.C., November 4-6, 2013.
- **Maria Soledad Pera** and Yiu-Kai Ng, *What to Read Next?: Making Personalized Book Recommendations for K-12 Users*. In Proceedings of the ACM Conference on Recommender Systems (ACM RecSys), pp. 113-120, Hong Kong, October 12-16, 2013.
- **Maria Soledad Pera** and Yiu-Kai Ng, *A Group Recommender for Movies Based on Content Similarity and Popularity*. Journal of Information Processing & Management (IPM), Vol. 49, Issue 3, pp. 673-687, Elsevier, May 2013.
- **Maria Soledad Pera**, Rani Qumsiyeh, and Yiu-Kai Ng, *Web-Based Closed-Domain Data Extraction on Online Advertisements*. Journal of Information Systems, Vol. 38, Issue 2, pp. 183-197, Elsevier, April 2013.
- **Maria Soledad Pera** and Yiu-Kai Ng, *Personalized Recommendations on Books for K-12 Readers.* In Proceedings of the ACM BooksOnline'12 Workshop, pp. 11-12, Maui, Hawaii, October 29, 2012.
- **Maria Soledad Pera** and Yiu-Kai Ng, *Using Maximal Spanning Trees and Word Similarity to Generate Hierarchical Clusters of Non-Redundant RSS News Articles*. Journal of Intelligent Information Systems (JIIS), Vol. 39, No. 2, pp. 513-534, Springer, October 2012.
- Rani Qumsiyeh, **Maria Soledad Pera**, and Yiu-Kai Ng, *Generating Exact- and Ranked Partially-Matched Answers to Questions in Advertisements*. In Proceedings of the 38th International Conference on Very Large Databases (VLDB 2012), pp. 217-228, Istanbul, Turkey, August 27-31, 2012.

- **Maria Soledad Pera** and Yiu-Kai Ng, *BReK12: A Book Recommender for K-12 Users*. In Proceedings of the 35th International ACM Conference on Research and Development in Information Retrieval (ACM SIGIR), pp. 1037-1038, Portland, Oregon, August 12-16, 2012.
- **Maria Soledad Pera**, Rani Qumsiyeh, and Yiu-Kai Ng, *A Query-Based Multi-document Sentiment Summarizer*. In Proceedings of the 20th ACM Conference on Information and Knowledge Management (ACM CIKM), pp. 1071-1076, Glasgow, Scotland, UK, October 24-28, 2011.
- **Maria Soledad Pera** and Yiu-Kai Ng, *A Personalized Recommendation System on Scholarly Publications*. In Proceedings of the 20th ACM Conference on Information and Knowledge Management (ACM CIKM), pp. 2133-2136, Glasgow, Scotland, UK, October 24-28, 2011.
- **Maria Soledad Pera** and Yiu-Kai Ng, *With a Little Help from My Friends: Generating Personalized Book Recommendations Using Data Extracted from a Social Website*. In Proceedings of the 2011 IEEE/WIC/ACM Joint Conference on Web Intelligent (WI'11), pp. 96-99, Lyon, France, August 22-27, 2011. (This is the submitted version of the IEEE-copyrighted article to be published in Proceedings of IEEE/WIC/ACM WI'11.)
- **Maria Soledad Pera** and Yiu-Kai Ng, *A Community Question-Answering Refinement System*. In Proceedings of ACM Conference on Hypertext and Hypermedia (ACM HT'11), pp. 251-260, Eindhoven, Netherlands, June 6-9, 2011.
- **Maria Soledad Pera** and Yiu-Kai Ng, *SimPaD: A Word-Similarity Sentence-Based Plagiarism Detection Tool on Web Documents*. Web Intelligence and Agent Systems: An International Journal (JWIAS), Vol. 9, No. 1, pp. 27-41, 2011, IOS Press. (This is an extended version of the IEEE/WIC/ACM WI'08 paper, Nowhere to Hide: Finding Plagiarized Documents Based on Sentence Similarity, which was selected and invited to be published by JWIAS.)
- **Maria Soledad Pera** and Yiu-Kai Ng, *A Performance Evaluation Framework for Library Search Engines*. In Proceedings of the 6th International Conference on Signal-Image Technology & Internet-Based Systems (SITIS 2010), pp. 301-308, December 15-18, 2010, Kuala Lumpur, Malaysia, IEEE Computer Society.
- **Maria Soledad Pera**, Rani Qumsiyeh, and Yiu-Kai Ng, *An Unsupervised Sentiment Classifier on Summarized or Full Reviews*. In Proceedings of the 11th International Conference on Web Information Systems Engineering (WISE 2010), pp. 142-156, December 12-14, 2010, Hong Kong. LNCS 6488, Springer.
- **Maria Soledad Pera**, Nicole Condie, and Yiu-Kai Ng, *Personalized Book Recommendations Created by Using Social Media Data*. In Proceedings of the 1st International Symposium on Web Intelligent Systems & Services (WISS 2010), pp. 390-403, December 12, 2010, Hong Kong. Springer.
- **Maria Soledad Pera** and Yiu-Kai Ng, *A Naive Bayes Classifier for Web Document Summaries Created by Using Word Similarity and Significant Factors*. International Journal on Artificial Intelligence Tools (IJAIT), Volume 19, No. 4, pp. 465-486, August 2010, World Scientific. (This is an extended version of the ICTAI 2009 paper, Classifying Sentence-Based Summaries of Web Documents, which was selected and extended to be published by IJAIT.)

- **Maria Soledad Pera** and Yiu-Kai Ng, *Classifying Sentence-Based Summaries of Web Documents*. In Proceedings of the 21st IEEE International Conference on Tools with Artificial Intelligence (ICTAI 2009), pp. 433-440, November 2-4, 2009, Newark, New Jersey.

- **Maria Soledad Pera**, Rani Qumsiyeh, Meher Mujahed, and Yiu-Kai Ng, *Retrieving Good, Better, and Best Answers to Questions in Advertisements*. In Proceedings of the 11th ACM International Workshop on Web Information and Data Management (WIDM 2009), pp. 3-6, November 2, 2009, Hong Kong.

- **Maria Soledad Pera** and Yiu-Kai Ng, *A Structural, Content-Similarity Measure for Detecting Spam Documents on the Web*. Journal of Web Information Systems (IJWIS), Volume 5, Issue 4, pp. 431-464, 2009, Emerald Group Publishing Ltd. (This is an extended version of the ICCSA 2008 paper, Identifying Spam Web Pages Based on Content Similarity, which was selected and invited to be published by IJWIS.)

- **Maria Soledad Pera**, William Lund, and Yiu-Kai Ng, *A Sophisticated Library Search Strategy Using Folksonomies and Similarity Matches*. Journal of the American Society for Information Science and Technology (JASIST), Volume 60, Issue 7, pp. 1392-1406, July 2009.

- **Maria Soledad Pera** and Yiu-Kai Ng, *Synthesizing Correlated RSS News Articles Based on a Fuzzy Equivalence Relation*. International Journal of Web Information Systems (IJWIS), Volume 5, Number 1, pp. 77-109, 2009, Emerald Group Publishing Ltd. (This is an extended version of the ICCSA 2008 paper, Generating Fuzzy Equivalence Classes on RSS News Articles for Retrieving Correlated Information, which was selected and invited to be published by IJWIS.)

- **Maria Soledad Pera** and Yiu-Kai Ng, *SpamED: A Spam Email Detection Approach Based on Phrase Similarity*. Journal of the American Society for Information Science and Technology (JASIST), Volume 60, Issue 2, pp. 393-409, February 2009, Wiley.

- Nathaniel Gustafson, **Maria Soledad Pera**, and Yiu-Kai Ng, *Nowhere to Hide: Finding Plagiarized Documents Based on Sentence Similarity*. In Proceedings of the 2008 IEEE/WIC/ACM International Conference on Web Intelligence (WI'08), pp. 690-696, December 9-12, 2008, Sydney, Australia.

- **Maria Soledad Pera** and Yiu-Kai Ng, *Utilizing Phrase-Similarity Measures for Detecting and Clustering Informative RSS News Articles*. Journal of Integrated Computer-Aided Engineering (ICAE), Volume 15, Number 4, pp. 331-350, 2008, IOS Press. (This is an extended version of the KSEM 2007 paper, Finding Similar RSS News Articles Using Correlation-Based Phrase Matching, which was selected and invited to be published by ICAE.)

- **Maria Soledad Pera** and Yiu-Kai Ng, *Identifying Spam Web Pages Based on Content Similarity*. In Proceedings of the 2008 International Conference on Computational Science and Its Applications (ICCSA 2008), pp. 204-219, LNCS 5073, Springer (http://www.springer.de/comp/lncs/index.html), June 30-July 3, 2008, Perugia, Italy.

- Nathaniel Gustafson, **Maria Soledad Pera**, and Yiu-Kai Ng, *Generating Fuzzy Equivalence Classes on RSS News Articles for Retrieving Correlated Information*. In Proceedings of the 2008

International Conference on Computational Science and Its Applications (ICCSA 2008), pp. 232-347, LNCS 5073, Springer, June 30-July 3, 2008, Perugia, Italy.

- **Maria Soledad Pera** and Yiu-Kai Ng, *Finding Similar RSS News Articles Using Correlation-Based Phrase Matching*. In Proceedings of the Second International Conference on Knowledge Science, Engineering, and Management (KSEM 2007), LNAI 4798, pp. 336-348, November 28-30, 2007, Melbourne, Australia.

- **Maria Soledad Pera** and Yiu-Kai Ng, *Using Word Similarity to Eradicate Junk Emails*. In Proceedings of the ACM Sixteen Conference on Information and Knowledge Management (CIKM 2007), pp. 943-946, November 6-8, 2007, Lisboa, Portugal.