

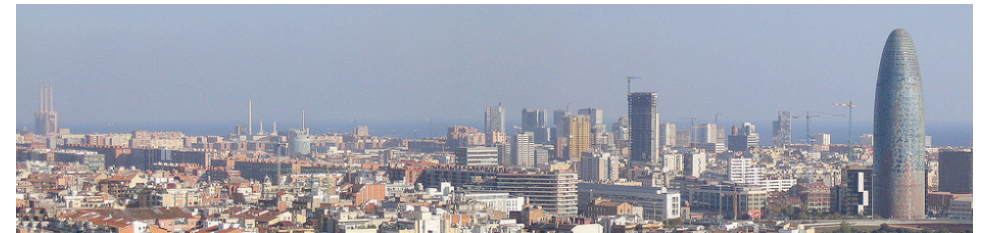
Program at a Glance

	April 1st	April 2nd	April 3rd	April 4th	April 5th	
9:00:00			Invited Talk			
9:30:00	Tutorials and Workshops	Opening		Retrieval Models II	Industry Day	
10:00:00		Invited Talk	Semi Structured Retrieval II		Break	
10:30:00					Industry Day	
11:00:00	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
11:30:00	Tutorials and Workshops	Query Representation	Applications	Classification, Categorisation and Clustering	Break	
12:00:00					Industry Day	
12:30:00						
13:00:00						
13:30:00	Lunch	Lunch	Lunch	Lunch		
14:00:00					Lunch	
14:30:00	Tutorials and Workshops	Blog and Online Community Search	Evaluation	Image and Video Retrieval	Industry Day	
15:00:00						
15:30:00						
16:00:00			Coffee Break	Coffee Break		
16:30:00	Coffee Break	Coffee Break	Retrieval Models I	Systems Efficiency		
17:00:00	Tutorials and Workshops	Semi Structured Retrieval I				
17:30:00						
18:00:00						
18:30:00		Poster and Demo Session				
19:00:00						
19:30:00						
20:00:00						
20:30:00			Banquet			

ECIR 2012

The 34th European Conference on Information Retrieval

April 1–5, Barcelona, Spain



Organized by



Sponsored by



Supported by the British Computer Society and in cooperation with ACM SIGIR

Organization

Conference Chair

Ricardo Baeza-Yates (Yahoo! Research Barcelona)

Organizing Committee

- **Local Chair:** Mari-Carmen Marcos (Univ. Pompeu Fabra, Barcelona)
- **Registration Chair:** Aris Gionis (Yahoo! Research Barcelona)
- **Advertising Chair:** Roi Blanco (Yahoo! Research Barcelona)
- **Proceedings Chair:** B. Barla Cambazoglu (Yahoo! Research Barcelona)

Program Committee Chairs

Arjen P. de Vries (Centrum Wiskunde & Informatica, Amsterdam)
Hugo Zaragoza (Websays, Barcelona)

Other Chairs

- **Workshop Chair:** David Losada (Universidade de Santiago de Compostela)
- **Tutorial Chair:** Alvaro Barreiro (Universidade da Coruña)
- **Poster Chair:** B. Barla Cambazoglu (Yahoo! Research Barcelona)
- **Demos Chair:** Vanessa Murdock (Yahoo! Research Barcelona)
- **Industry Chairs:** Ronny Lempel (Yahoo! Labs Haifa, Israel) & Fabrizio Silvestri (CNR, Pisa, Italy)
- **Mentoring Chair:** Mounia Lalmas (Yahoo! Research Barcelona)

Local Organization

- **Accounting:** María Laura Llapur (Barcelona Media Foundation)
- **Website:** Eduardo Graells (Universitat Pompeu Fabra, Spain)
- **Conference System:** Michele Trevisiol (Universitat Pompeu Fabra, Spain)
- **Official Email:** Luca Chiarandini (Universitat Pompeu Fabra, Spain)
- **Social Media:** Ruth García (Universitat Pompeu Fabra, Spain)
- **Social Events:** David Nettleton (Univ. Pompeu Fabra, Spain) & Georgina Ramírez (Univ. Pompeu Fabra, Spain)

Best Papers Awards Committee

Javed Aslam (Northeastern University, USA)
Nick Belkin (Chair, Rutgers University, USA)
Ronny Lempel (Yahoo! Labs Haifa, Israel)
Donald Metzler (ISI, USA)
Benjamin Piwowarski (CNRS, France)

Welcome Message

Welcome to ECIR 2012, the 34th European Conference on Information Retrieval that is taking place from the 1st to the 5th of April 2012. The conference is organized by Yahoo! Research Barcelona, the Web Research Group of the Department of Information and Communication Technologies of Pompeu Fabra University and the Barcelona Media Foundation. It is supported by the Information Retrieval Specialist Group of the British Computer Society (BCS-IRSG) and is organized in cooperation with the ACM Special Interest Group on Information Retrieval (ACM SIGIR). The conference, including workshops and tutorials as well as the industry day, is held at the centrally located Jaume I building in the Ciutadella Campus of Pompeu Fabra University.

I am glad to welcome you to Barcelona, a city famous for its architecture, Gaudi's modernism and many museums. Hence, I hope that you have a wonderful stay in Catalonia and that you will find ECIR 2012 enjoyable and rewarding. All the chairs are very pleased to offer a high quality program, from the workshops and tutorials, to the papers, posters and demonstrations at the conference, finishing with the Industry day.

There are two social events as part of ECIR 2012: the welcome reception that is held together with the posters/demos session at the university and the conference banquet that is being held in a modernist room centrally located. Through them we expect you to taste the local culture through good food and refreshing drinks.

If that is not enough and you are a true food and wine researcher like myself, you can explore typical salads such as *esqueixada* (a green salad with cod) or *escalibada* (baked sweet red peppers, egg plants and onions), main courses like *bacallà a la llauna* (cod), *suquet de rape* (monkfish) or *fideuà* (a seafood paella made with small pasta), and desserts such as *crema catalana* (the local *crème brûlée*) or *mel i mató* (a local fresh cheese with honey). You can match this with a good wine from the ten different D.O. regions of Catalonia, such as Penedés and Alella for white or Priorat and Montsant for red. To finish, do not forget *cava*, the Catalan version of champagne.

Going back to less enjoyable matters, the registration desk will be open during the whole conference just outside the auditorium. The organizers at the desk will be able to help you with any query that you may have, from conference details, through to important matters such as sightseeing places, good restaurants or local transportation.

Finally, I would like to thank all the attendees, as without them this conference would not be possible. The same for all our sponsors, Google, Bing, Microsoft Research, Yahoo! Labs and Yandex. Thanks for your support!



Ricardo Baeza-Yates
ECIR 2012 Conference Chair

General Information

Presentations: All the conference, except the first day, is held at the main auditorium. This room is equipped with a Windows laptop, a projector and a fixed microphone. All presenters should go to their session's room 15 minutes before their oral session starts, and report to the session chair. Each paper has allocated a 30-minute presentation slot (ideally a 25 minutes presentation plus 5 minutes for questions). It is very important that presenters keep to their time-slots to avoid any cascading delays in the conference schedule.

Proceedings: The proceedings this year are in CD-ROM. However, for the paper lovers we have a limited number of copies that can be bought at the registration desk for 25 euros each.

Coffee Breaks & Lunch: Each day includes two 30-minute coffee breaks, one during the morning and one during the afternoon. They are held just outside the auditorium, with the exception of Sunday where they will be at the Jaume I cafeteria. Lunch will be served at the Jaume I cafeteria and has a 60-minute duration. Remember to bring your lunch ticket every day.

Posters & Demos Welcome Reception: The posters and demonstrations session is held the evening of April 2nd. This will take place in the exhibition hall across the auditorium together with the welcome reception. Demos should be tested the same day at 11AM and we will provide a table, a chair, a computer screen, a wired Internet connection and a panel. Posters (size A0) should be installed since 4PM of the same day with special adhesives that we will provide. The exact position for demos and posters will be chosen in a first-come-first-served basis.

Banquet & Awards Ceremony: The banquet, which includes the best papers and poster awards, will be held at **Fontana del Eixample, Mallorca 318**, on Tuesday, April 3rd at 8:30PM. When you register, please verify that your banquet ticket matches your initial choice (duck, fish, vegetarian, vegan, others) and remember to take it to the restaurant. Extra banquet tickets can be bought until Monday afternoon at the registration desk.

The location of the restaurant is indicated in the map in the before last page. The closest metro station to the restaurant is Verdaguer of the yellow line, L4, at two and a half blocks from the restaurant. The closest metro station to the conference venue, just two blocks away, is Ciutadella Vila Olímpica, also in the L4 metro line. The overall trip is less than 30 minutes (6 stops, direction Trinitat Nova). A taxi takes at most 15 minutes and about 6 euros.

Internet Access: Wireless Internet is provided. The SSID of the network is "event" and the password is "unipf04". For academic participants, the eduroam network is also available.

Transportation: Barcelona has a unified transportation system for metro, buses, trams and urban trains. We recommend buying a T-10 card for ten trips that costs less than 10 euros. To reach the airport there is a bus service starting from Plaça Catalunya. To reach Terminal 2 (cheap flights) you can also take the train from Passeig de Gràcia or Sants stations. From there Terminal 1 can be reached using a free bus.

Smoking: Smoking is prohibited in all internal public places. That includes the whole university and restaurants.

Something else? You can find more information in the official ECIR website ecir2012.upf.edu and you can also ask at the registration desk, we would love to help you!

Learning Adaptive Domain Models from Click Data to Bootstrap Interactive Web Search
Deirdre Lungley, Udo Kruschwitz, Dawei Song

A Little Interaction Can Go A Long Way: Enriching the Query Formulation Process
Abdigani Diriye, Anastasios Tombros, Ann Blandford

Learning to Rank from Relevance Feedback for e-Discovery
Peter Lubell-Doughtie, Katja Hofmann

When Simple is (more than) Good Enough: Effective Semantic Search with (almost) no Semantics
Robert Neumayer, Krisztian Balog, Kjetil Norvåg

Evaluating Personal Information Retrieval
Liadh Kelly, Paul Bunbury, Gareth J. F. Jones

Applying Power Graph Analysis to Weighted Graphs
Niels Bloom

An Investigation of Term Weighting Approaches for Microblog Retrieval
Paul Ferguson, Neil O'Hare, James Lanagan, Owen Phelan, Kevin McCarthy

On the Size of Full Element-Indexes for XML Keyword Search
Duygu Atilgan, Ismail Sengor Altinogvde, Özgür Ulusoy

Combining Probabilistic Language Models for Aspect-Based Sentiment Retrieval
Lisette García-Moya, Henry Anaya-Sánchez, Rafael Berlanga-Llavori

In Praise of Laziness: A Lazy Strategy for Web Information Extraction
Rifat Ozcan, Ismail Sengor Altinogvde, Özgür Ulusoy

Demos

LiveTweet: Monitoring and Predicting Interesting Microblog Posts
Arifah Che Alhadi, Thomas Gottron, Jérôme Kunegis, Nasir Naveed

A User Interface for Query-by-Sketch based Image Retrieval with Color Sketches
Ivan Giangreco, Michael Springmann, Ihab Al Kabary, Heiko Schuldt

Crisees: Real-Time Monitoring of Social Media Streams to Support Crisis Management
David Maxwell, Stefan Raue, Leif Azzopardi, Chris Johnson, Sarah Oates

A Mailbox Search Engine using Query Multi-modal Expansion and Community-based Smoothing
Amin Mantrach, Jean-Michel Renders

EmSe: Supporting Children's Information Needs within a Hospital Environment
Leif Azzopardi, Doug Dowie, Sergio Duarte, Carsten Eickhoff, Richard Glassey, Karl Gyllstrom, Djoerd Hiemstra, Franciska de Jong, Frea Kruisinga, Kelly Marshall, Sien Moens, Tamara Polajnar, Frans van der Sluis, Arjen de Vries

Retro: Time-based Exploration of Product Reviews
Jannik Strötgen, Omar Alonso, Michael Gertz

Querium: A Session-Based Collaborative Search System
Abdigani Diriye, Gene Golovchinsky

Posters

Integrating Interactive Visualizations in the Search Process of Digital Libraries and IR Systems
Daniel Hienert, Frank Sawitzki, Philipp Schaer, Philipp Mayr

On Theoretically Valid Score Distributions in Information Retrieval
Ronan Cummins, Colm O'Riordan

Adaptive Temporal Query Modeling
Maria-Hendrike Peetz, Edgar Meij, Maarten de Rijke, Wouter Weerkamp

The Design of a Visual History Tool to Help Users Refind Information within a Website
Trien V. Do, Roy A. Ruddle

Analyzing the Polarity of Opinionated Queries
Sergiu Chelaru, Ismail Sengor Altinogvde, Stefan Siersdorfer

Semi-Automatic Document Classification: Exploiting Document Difficulty
Miguel Martinez-Alvarez, Sirvan Yahyaei, Thomas Roelleke

Investigating summarization techniques for geo-tagged image indexing
Ahmet Aker, Xin Fan, Mark Sanderson, Robert Gaizauskas

Handling OOV Words in Indian-language-English CLIR
Parin Chheda, Manaal Faruqi, Pabitra Mitra

Using a Medical Thesaurus to Predict Query Difficulty
Florian Boudin, Jian-Yun Nie, Martin Dawes

Studying a Personality Coreference Network in a News Stories Photo Collection
José Devezas, Filipe Coelho, Sérgio Nunes, Cristina Ribeiro

Phrase Pair Classification for Identifying Subtopics
Sujatha Das, Prasenjit Mitra, C. Lee Giles

Full and Mini-Batch Clustering of News Articles with Star-EM
Matthias Gallé, Jean-Michel Renders

Assessing and Predicting Vertical Intent for Web Queries
Ke Zhou, Ronan Cummins, Martin Halvey, Mounia Lalmas, Joemon M. Jose

Predicting IMDB Movie Ratings Using Social Media
Andrei Oghina, Mathias Breuss, Manos Tsagkias, Maarten de Rijke

Squeezing the Ensemble Pruning: Faster and More Accurate Categorization for News Portals
Cagri Toraman, Fazli Can

A General Framework for People Retrieval in Social Media with Multiple Roles
Amin Mantrach, Jean-Michel Renders

Analysis of Query Reformulations in a Search Engine of a Local Web Site
M-Dyaa Albakour, Udo Kruschwitz, Nikolaos Nanas, Ibrahim Adeyanju, Dawei Song, Maria Fasli, Anne De Roeck

Temporal Pseudo-Relevance Feedback in Microblog Retrieval
Stewart Whiting, Iraklis A. Klampanos, Joemon M. Jose

Invited Keynotes

Studying Network Structures for IR: the Impact of Size

Paolo Boldi, University of Milano

Many modern IR problems call for a mixture of classical text-retrieval methods with graph mining techniques, especially within the area of social-network search: information extraction from graphs may be performed to help search, to improve ranking or just to gain some structural knowledge about the network we are dealing with. Although graph algorithmics is by now a mature and rich field, the explosive growth in size of the graphs under observation poses new challenges and requires new approaches even to solve apparently trivial problems. In this talk, I will discuss what are the consequences of this new situation, and I will present some examples on how one can cope with it.



Paolo Boldi obtained his PhD in Computer Science at the University of Milano, where he is currently Associate Professor. His research interests touch many different topics in theoretical and applied computer science, such as: domain theory, non-classical computability theory, distributed computability, anonymous networks, sense of direction, self-stabilizing systems. Recently, his works focused on problems related to the World-Wide Web, a field where his research has also produced software tools used by many people working in the same area.

The Surprising Role of Users In Web Search

Yoelle Maarek, Yahoo! Labs, Haifa.

Usage data information at a large scale has brought tremendous value to Web search engines and is exploited at every level, to provide more relevant results, to improve user experience, to validate an experimental feature etc. Most users do not realize how critical their implicit feedback has become in today's search engines. Usage data cannot (should not?) be exploited to its full extent however as it often conflicts with users' personalization needs and privacy concerns. In this talk, I will review both the explicit and implicit roles of users in the major Web search engines, reviewing the key aspects of search engine user interaction and what implicit and explicit, and sometimes surprising, roles users play in each of these aspects. I will also discuss the limitations and inherent risks of exploiting usage data and some potential future research directions that could help circumvent these limitations.



Yoelle Maarek is Senior Director of Yahoo! Research in Israel. Prior to this, Yoelle was the Director of Google Haifa Engineering Center, which she opened in 2006 and grew to close to 40 staff members. There, she led the development of "Suggest", Google's query completion feature deployed on google.com and YouTube worldwide. From 1989 until 2006, Yoelle was with IBM Research, first in the US, and then in Israel, where she held a number of management and technical positions, up to Department Group Manager and Distinguished Engineer. She received her PhD in Computer Science from Technion, in Haifa, Israel, in 1989, during her PhD studies; she spent a year at Columbia University in New York. She graduated from the "Ecole Nationale des Ponts et Chaussées" in Paris, France, and received her DEA (graduate degree) in Computer Science from Paris VI University, both in 1985. Yoelle has published over 50 articles in fields related to IR, Web search and Web applications. She has served as regular or senior PC member at top conferences, such as PC chair of WWW'2009, and currently as PC chair for WSDM'2012 and SIGIR'2012. Yoelle is a member of the Board of Governors of the Technion and was appointed ACM Distinguished Scientist in 2010.

Thursday, April 5th – Industry Day

Workshops

Information Retrieval over Query Sessions (morning)

Organizers: Ben Carterette (U. of Delaware, USA), Paul D. Clough (Univ. of Sheffield, UK), Evangelos Kanoulas (Univ. of Sheffield, UK) and Mark Sanderson (RMIT, Australia)

Task-Based and Aggregated Search (afternoon)

Organizers: Birger Larsen (Royal School of Library and Information Science, Denmark), Christina Lioma (Technical University of Denmark) and Arjen de Vries (CWI, The Netherlands)

Searching 4 Fun! (full day)

Organizers: David Elsweiler (Uni Regensburg, Germany), Max L. Wilson (University of Swansea, UK) and Morgan Harvey (University of Erlangen, Germany)

Tutorials

Question Answering Systems: History and Architecture (morning)

Speakers: Saeedeh Momtazi (Hasso-Plattner-Institut, Germany) and Dietrich Klakow (Saarland Univ., Germany)

Quantum Information Access and Retrieval (morning)

Speakers: Benjamin Piwowarski (CNRS, France) and Massimo Melucci (University of Padova, Italy)

Designing the Search Experience* (afternoon)

Speaker: Tony Russell-Rose (UXLabs, UK)

Music Information Retrieval 2.0. (afternoon)

Speakers: Markus Schedl and Peter Knees (Johannes Kepler University, Austria)

From Expert Finding to Entity Search on the Web (full-day)

Speakers: Gianluca Demartini (Univ. of Fribourg, Germany), Peter Mika (Yahoo! Research, Spain), Thanh Tran (KIT, Germany) and Arjen P. De Vries (CWI, Netherlands)

9:30 - 9:40 Welcome (Fabrizio Silvestri)

9:40 - 10:15 Invited Talk: How to build the next 1,000 search engines?!
Arjen De Vries, Delft University of Technology / Spinque, Netherlands

10:15 - 10:30 Coffee Break

10:30 - 12:00 Paper: Usefulness of Sentiment Analysis
Jussi Karlgren, Magnus Sahlgren, Fredrik Olsson, Fredrik Espinoza and Ola Hamfors Gavagai, Sweden

Oral contribution: Discovering the Public Opinion: AOL Sentiment Analysis of UGC
Amit Moran, Relegence/AOL, Israel

Oral contribution: A New Interface to Explore Social Media Search Results
Rianne Kaptein, Oxyme, The Netherlands

12:00 - 12:15 Coffee Break

12:15 - 13:45 Invited talk: Adding Context to Recommendations
Alexandros Karatzoglou, Telefónica R&D, Spain

Oral contribution:
Developing the Websays Text Analytics system for Discourse and Opinion Mining
Hugo Zaragoza, Websays, Spain

Oral contribution: Analyzing the Web: Building AOL's Core Text Analysis Platform
Sivan Ravid, Relegence/AOL, Israel

13:45 - 15:15 Lunch

15:15 - 16:25 Invited Talk: Topic-based annotation of short texts, with applications
Paolo Ferragina, University of Pisa, Italy

Oral contribution: Synonym Mining and Usage in an Ecommerce Search Engine
Ravi Chandra Jammalamadaka and Vamsi Salaka, eBay, USA

16:25 – 16:30 Concluding Remarks (Fabrizio Silvestri)

* The "Designing the Search Experience" tutorial has a limit of 20 registered attendees that will be selected in a first-come-first-served basis.

Wednesday, April 4th – ECIR 2012

9:30 Retrieval Models II – Session Chair: Alvaro Barreiro

An Information-based Cross-Language Information Retrieval Model
Bo Li, Eric Gaussier

Extended Expectation Maximization for Inferring Score Distributions
Keshi Dai, Virgil Pavlu, Evangelos Kanoulas, Javed A. Aslam

Top-k Retrieval using Facility Location Analysis
Guido Zuccon, Leif Azzopardi, Dell Zhang, Jun Wang

11:00 Coffee Break

11:30 Classification, Categorisation and Clustering – Session Chair: Massih-Reza Amini

Language Modelling of Constraints for Text Clustering
Javier Parapar, Álvaro Barreiro

A Framework for Unsupervised Spam Detection in Social Networking Sites
Maarten Bosma, Edgar Meij, Wouter Weerkamp

Classification of Short Texts by Deploying Topical Annotations
Daniele Vitale, Paolo Ferragina, Ugo Scaiella

Cluster Labeling for Multilingual Scatter/Gather using Comparable Corpora
Goutham Tholpadi, Mrinal Kanti Das, Chiranjib Bhattacharyya, Shirish Shevade

13:30 Lunch

14:30 Image and Video Retrieval – Session Chair: Paul Clough

An Interactive Paper and Digital Pen Interface for Query-by-Sketch Image Retrieval
Roman Kreuzer, Michael Springmann, Ihab Al Kabary, Heiko Schuldt

Image Abstraction in Crossmedia Retrieval for Text Illustration
Filipe Coelho, Cristina Ribeiro

A Latent Variable Ranking Model for Content-based Retrieval
Ariadna Quattoni, Xavier Carreras, Antonio Torralba

16:00 Coffee Break

16:30 Systems Efficiency – Session Chair: Fabrizio Silvestri

Adaptive Time-to-Live Strategies for Query Result Caching in Web Search Engines
Sadiye Alici, Ismail Sengor Altinogvde, Rifat Ozcan, B. Barla Cambazoglu, Özgür Ulusoy

Intra-Query Concurrent Pipelined Processing For Distributed Full-Text Retrieval
Simon Jonassen, Svein Erik Bratsberg

Modeling Static Caching in Web Search Engines (Industry track)
Ricardo Baeza-Yates, Simon Jonassen

Conference Program[†]

Sunday, April 1st – Workshops and Tutorials

Time	Workshop	Tutorial
9:30	Searching 4 Fun! (Room 20.059)	From Expert Finding to Entity Search on the Web (Room 20.051)
	IR over Query Sessions (Room 20.053)	Question Answering Systems: History and Architecture (Room 20.055)
		Quantum Information Access and Retrieval (Room 20.057)
11:00	Coffee Break	
11:30	Searching 4 Fun! (Room 20.059)	From Expert Finding to Entity Search on the Web (Room 20.051)
	IR over Query Sessions (Room 20.053)	Question Answering Systems: History and Architecture (Room 20.055)
		Quantum Information Access and Retrieval (Room 20.057)
13:30	Lunch	
14:30	Searching 4 Fun! (Room 20.059)	From Expert Finding to Entity Search on the Web (Room 20.051)
	Task-based and Aggregated Search (Room 20.053)	Designing the Search Experience (Room 20.055)
		Music Information Retrieval 2.0 (Room 20.057)
16:30	Coffee Break	
17:00	Searching 4 Fun! (Room 20.059)	From Expert Finding to Entity Search on the Web (Room 20.051)
	Task-based and Aggregated Search (Room 20.053)	Designing the Search Experience (Room 20.055)
		Music Information Retrieval 2.0 (Room 20.057)

[†] The program at a glance is available in the back cover of this booklet.

Monday, April 2nd – ECIR 2012

9:45 Opening: *Ricardo Baeza-Yates, Conference Chair, Yahoo! Research*
Josep Joan Moreso, Rector, Universitat Pompeu Fabra

10:00 Invited Keynote – Session Chair: Hugo Zaragoza
Studying Network Structures for IR: the Impact of Size
Paolo Boldi, Università degli Studi di Milano, Italy

11:00 Coffee Break

11:30 Query Representation – Session Chair: Gabriella Kazai

Explaining query modifications: An alternative interpretation of term addition and removal
Vera Hollink, Jiyin He, Arjen de Vries

Modeling Transactional Queries via Templates
Edward Bortnikov, Pinar Donmez, Amit Kagian, Ronny Lempel

Exploring Query Patterns in Email Search
Morgan Harvey, David Elswailer

Interactive Search Support for Difficult Web Queries
Abdigani Diriye, Giridhar Kumaran, Jeff Huang

13:30 Lunch

14:30 Blog and Online-Community Search – Session Chair: David Losada

Predicting the Future Impact of News Events
Julien Gaugaz, Patrick Siehndel, Gianluca Demartini, Tereza Iofciu, Mihai Georgescu, Nicola Henze

Detection of News Feeds Items Appropriate for Children
Tamara Polajnar, Richard Glassey, Leif Azzopardi

Comparing Tweets and Tags for URLs
Morgan Harvey, Mark Carman, David Elswailer

Geo-Location Estimation of Flickr Images: Social Web Based Enrichment
Claudia Hauff, Geert-Jan Houben

16:30 Coffee Break

17:00 Semi-structured Retrieval I – Session Chair: Vanessa Murdock

A Field Relevance Model for Structured Document Retrieval
Jin Young Kim, W. Bruce Croft

Relation based Term Weighting Regularization
Hao Wu, Hui Fang

A New Approach to Answerer Recommendation in Community Question Answering Services
Zhenlei Yan, Jie Zhou

18:30-20:30 Poster & Demo Reception – Exhibition Hall

Tuesday, April 3rd – ECIR 2012

9:00 Invited Keynote – Session Chair: Arjen P. de Vries
The Surprising Role of Users in Web Search
Yoelle Maarek, Yahoo! Labs Haifa, Israel

10:00 Semi-structured Retrieval II – Session Chair: Roi Blanco

On the Modeling of Entities for Ad-hoc Entity Search in the Web of Data
Robert Neumayer, Krisztian Balog, Kjetil Nørnvåg

Result Disambiguation in Web People Search
Richard Berendsen, Bogomil Kovachev, Evangelia Nastou, Maarten de Rijke, Wouter Weerkamp

11:00 Coffee Break

11:30 Applications – Session Chair: Berkant Barla Cambazoglu

How Random Walks can Help Tourism
Claudio Lucchese, Raffaele Perego, Fabrizio Silvestri, Hossein Vahabi, Rossano Venturini

Retrieving Candidate Plagiarised Documents using Query Expansion
Rao Muhammad Adeel Nawab, Mark Stevenson, Paul Clough

Reliability Prediction of Webpages in the Medical Domain
Parikshit Sondhi, V. G. Vinod Vydiswaran, ChengXiang Zhai

Automatic Foldering of Email Messages: A Combination Approach
Tony Tam, Artur Ferreira, André Lourenço

13:30 Lunch

14:30 Evaluation – Session Chair: Leif Azzopardi

On smoothing average precision
Stephen Robertson

New Metrics for Meaningful Evaluation of Informally Structured Speech Retrieval
Maria Eskevich, Walid Magdy, Gareth J. F. Jones

On Aggregating Labels from Multiple Crowd Workers to Infer Relevance of Documents
Mehdi Hosseini, Ingemar J. Cox, Nataša Milić-Frayling, Gabriella Kazai, Vishwa Vinay

16:00 Coffee Break

16:30 Retrieval Models I – Session Chair: Eric Gaussier

A Log-logistic Model-based Interpretation of TF Normalization of BM25
Yuanhua Lv, ChengXiang Zhai

Score Transformation in Linear Combination for Multi-Criteria Relevance Ranking
Shima Gerani, Chengxiang Zhai, Fabio Crestani

Axiomatic Analysis of Translation Language Model For Information Retrieval
Maryam Karimzadehgan, ChengXiang Zhai