

Table of Contents

Invited

Is There Something Quantum-Like about the Human Mental Lexicon?	1
<i>Peter Bruza</i>	
Supporting for Real-World Tasks: Producing Summaries of Scientific Articles Tailored to the Citation Context	2
<i>Cécile Paris</i>	
Semantic Document Processing Using Wikipedia as a Knowledge Base	3
<i>Ian H. Witten</i>	

Ad Hoc Track

Overview of the INEX 2009 Ad Hoc Track	4
<i>Shlomo Geva, Jaap Kamps, Miro Lethonen, Ralf Schenkel, James A. Thom, and Andrew Trotman</i>	
Analysis of the INEX 2009 Ad Hoc Track Results	26
<i>Jaap Kamps, Shlomo Geva, and Andrew Trotman</i>	
ENSM-SE at INEX 2009 : Scoring with Proximity and Semantic Tag Information	49
<i>Michel Beigbeder, Amélie Imafouo, and Annabelle Mercier</i>	
LIP6 at INEX'09 : OWPC for Ad Hoc Track	59
<i>David Buffoni, Nicolas Usunier, and Patrick Gallinari</i>	
A Methodology for Producing Improved Focused Elements	70
<i>Carolyn J. Crouch, Donald B. Crouch, Dinesh Bhurud, Pavan Poluri, Chaitanya Polumetla, and Varun Sudhakar</i>	
ListBM: A Learning-to-Rank Method for XML Keyword Search	81
<i>Ning Gao, Zhi-Hong Deng, Yong-Qing Xiang, and Yu Hang</i>	
UJM at INEX 2009 Ad Hoc Track	88
<i>Mathias Géry and Christine Largeron</i>	
Language Models for XML Element Retrieval	95
<i>Rongmei Li and Theo van der Weide</i>	

Use of Language Model, Phrases and Wikipedia Forward Links for INEX 2009	103
<i>Philippe Mulhem and Jean-Pierre Chevallet</i>	
Parameter Tuning in Pivoted Normalization for XML Retrieval: ISI@INEX09 Adhoc Focused Task.....	112
<i>Sukomal Pal, Mandar Mitra, and Debasis Ganguly</i>	
Combining Language Models with NLP and Interactive Query Expansion	122
<i>Eric SanJuan and Fidelia Ibekwe-SanJuan</i>	
Exploiting Semantic Tags in XML Retrieval	133
<i>Qiuyue Wang, Qiushi Li, Shan Wang, and Xiaoyong Du</i>	

Book Track

Overview of the INEX 2009 Book Track	145
<i>Gabriella Kazai, Antoine Doucet, Marijn Koolen, and Monica Landoni</i>	
XRCE Participation to the 2009 Book Structure Task	160
<i>Hervé Déjean and Jean-Luc Meunier</i>	
The Book Structure Extraction Competition with the Resurgence Software at Caen University	170
<i>Emmanuel Giquet and Nadine Lucas</i>	
Ranking and Fusion Approaches for XML Book Retrieval	179
<i>Ray R. Larson</i>	
OUC's Participation in the 2009 INEX Book Track.....	190
<i>Michael Preminger, Ragnar Nordlie, and Nils Pharo</i>	

Efficiency Track

Overview of the INEX 2009 Efficiency Track	200
<i>Ralf Schenkel and Martin Theobald</i>	
Index Tuning for Efficient Proximity-Enhanced Query Processing	213
<i>Andreas Broschart and Ralf Schenkel</i>	
TopX 2.0 at the INEX 2009 Ad-Hoc and Efficiency Tracks: Distributed Indexing for Top-k-Style Content-And-Structure Retrieval.....	218
<i>Martin Theobald, Ablimit Aji, and Ralf Schenkel</i>	
Fast and Effective Focused Retrieval.....	229
<i>Andrew Trotman, Xiang-Fei Jia, and Shlomo Geva</i>	

Achieving High Precisions with Peer-to-Peer Is Possible!	242
<i>Judith Winter and Gerold Kühne</i>	

Entity Ranking Track

Overview of the INEX 2009 Entity Ranking Track	254
<i>Gianluca Demartini, Tereza Iofciu, and Arjen P. de Vries</i>	
Combining Term-Based and Category-Based Representations for Entity Search	265
<i>Krisztian Balog, Marc Bron, Maarten de Rijke, and Wouter Weerkamp</i>	
Focused Search in Books and Wikipedia: Categories, Links and Relevance Feedback	273
<i>Marijn Koolen, Rianne Kaptein, and Jaap Kamps</i>	
A Recursive Approach to Entity Ranking and List Completion Using Entity Determining Terms, Qualifiers and Prominent n-Grams	292
<i>Madhu Ramanathan, Srikant Rajagopal, Venkatesh Karthik, Meenakshi Sundaram Murugesan, and Saswati Mukherjee</i>	

Interactive Track

Overview of the INEX 2009 Interactive Track	303
<i>Nils Pharo, Ragnar Nordlie, Norbert Fuhr, Thomas Beckers, and Khairun Nisa Fachry</i>	

Link the Wiki Track

Overview of the INEX 2009 Link the Wiki Track	312
<i>Wei Che (Darren) Huang, Shlomo Geva, and Andrew Trotman</i>	
An Exploration of Learning to Link with Wikipedia: Features, Methods and Training Collection	324
<i>Jiyin He and Maarten de Rijke</i>	
University of Waterloo at INEX 2009: Ad Hoc. Book. Entity Ranking. and Link-the-Wiki Tracks	331
<i>Kelly Y. Itakura and Charles L.A. Clarke</i>	
A Machine Learning Approach to Link Prediction for Interlinked Documents	342
<i>Milly Kc, Rowena Chau, Markus Hagenbuchner, Ah Chung Tsoi, and Vincent Lee</i>	

Question Answering Track

Overview of the 2009 QA Track: Towards a Common Task for QA, Focused IR and Automatic Summarization Systems	355
<i>Veronique Moriceau, Eric SanJuan, Xavier Tannier, and Patrice Bellot</i>	

XML Mining Track

Overview of the INEX 2009 XML Mining Track: Clustering and Classification of XML Documents	366
<i>Richi Nayak, Christopher M. De Vries, Sangeetha Kutty, Shlomo Geva, Ludovic Denoyer, and Patrick Gallinari</i>	
Exploiting Index Pruning Methods for Clustering XML Collections	379
<i>Ismail Sengor Altingovde, Duygu Atilgan, and Özgür Ulusoy</i>	
Multi-label Wikipedia Classification with Textual and Link Features....	387
<i>Boris Chidloukii</i>	
Link-Based Text Classification Using Bayesian Networks	397
<i>Luis M. de Campos, Juan M. Fernández-Luna, Juan F. Huete, Andrés R. Masegosa, and Alfonso E. Romero</i>	
Clustering with Random Indexing K-tree and XML Structure	407
<i>Christopher M. De Vries, Shlomo Geva, and Lance De Vine</i>	
Utilising Semantic Tags in XML Clustering	416
<i>Sangeetha Kutty, Richi Nayak, and Yuefeng Li</i>	
UJM at INEX 2009 XML Mining Track.....	426
<i>Christine Largeton, Christophe Moulin, and Mathias Géry</i>	
BUAP: Performance of K-Star at the INEX'09 Clustering Task	434
<i>David Pinto, Mireya Tovar, Darnes Vilariño, Beatriz Beltrán, Héctor Jiménez-Salazar, and Basilia Campos</i>	
Extended VSM for XML Document Classification Using Frequent Subtrees	441
<i>Jianwu Yang and Songlin Wang</i>	
Supervised Encoding of Graph-of-Graphs for Classification and Regression Problems	449
<i>Shu Jia Zhang, Markus Hagenbuchner, Franco Scarselli, and Ah Chung Tsoi</i>	
Author Index	463