

Day 1: 3rd Dec 2014 (Wednesday)

Time	Conference Program
07.30 - 08.30 am	REGISTRATION
08.30 - 09.00 am	OPENING CEREMONY
09.00 - 10.00 am	<p>KEYNOTE SPEECH CHAIRPERSON : SHAHRUL AZMAN BIN MOHD NOH</p> <p>Professor Alan F. Smeaton <i>Title : Getting Inside the Head of a Searcher: How We Can Use EEG</i></p>
10.00 - 10.30 am	COFFEE BREAK
	<p>SESSION 1: IR Applications</p> <p>CHAIRPERSON : SHAHRUL AZMAN BIN MOHD NOH</p>
10.30 - 10.50am	<p>S1A</p> <p>Leveraging Deletion Neighborhoods and Trie for Efficient String Similarity Search and Join</p> <p><i>Jia Cui, Dan Meng, and Zhong-Tao Chen</i></p>
10.50 - 11.10am	<p>S1B</p> <p>Content-based Medical Image Retrieval System for Infections and Fluids in Chest Radiographs</p> <p><i>Wan Siti Halimatul Munirah Wan Ahmad, W Mimi Diyana W Zaki, Mohammad Faizal Ahmad Fauzi, and Tan Wooi Haw</i></p>
11.10 - 11.30am	<p>S1C</p> <p>Topic-focused Summarization of News Events based on Biased Snippet Extraction and Selection</p> <p><i>Pingping Lin, Shize Xu, and Yan Zhang</i></p>
11.30 - 11.50am	<p>S1D</p> <p>Query Ambiguity Identification based on User Behavior Information</p> <p><i>Cheng Luo, Yiqun Liu, Min Zhang, and Shaoping Ma</i></p>
	<p>SESSION 2: Multimedia IR</p> <p>CHAIRPERSON : FATIMAH BT DATO' AHMAD</p>
11.50 - 12.10am	<p>S2A</p> <p>Multi-resolution Shape-based Image Retrieval using Ridgelet Transform</p> <p><i>Mas Rina Mustaffa, Fatimah Ahmad, and Shyamala Doraisamy</i></p>

Time	Conference Program
12.10 - 12.30am	<p>S2B</p> <p>Characteristics Classification of Durian Varieties Images for Knowledge Representation by Using Conceptual Graph</p> <p><i>Nur Syafikah Ibrahim, Zainab Abu Bakar, and Nurazzah Abd Rahman</i></p>
	<p>SESSION 3: IR Evaluation, User Study and Interactive IR</p> <p>CHAIRPERSON : AZIZAH BT JAAFAR</p>
12.30 - 12.50am	<p>S3A</p> <p>A Comparative Evaluation of 2D and 3D Visual Exploration of Document Search Results</p> <p><i>Rafael E. Banchs</i></p>
12.50 - 2.00 pm	<p>LUNCH BREAK</p>
2.00 - 2.20 pm	<p>S3B</p> <p>Revisiting the Evaluation of Diversified Search Evaluation Metrics with User Preferences</p> <p><i>Fei Chen, Yiqun Liu, Zhicheng Dou, Keyang Xu, Yujie Cao, Min Zhang, and Shaoping Ma</i></p>
2.20 - 2.40 pm	<p>S3C</p> <p>Is the First Query the Most Important: An Evaluation of Query Aggregation Schemes in Session Search</p> <p><i>Dongyi Guan and Hui Yang</i></p>
2.40 - 3.00 pm	<p>S3D</p> <p>How Do Sponsored Search Results Affect User Behavior in Web Search?</p> <p><i>Zeyang Liu, Yiqun Liu, Min Zhang, and Shaoping Ma</i></p>
3.00 - 3.20 pm	<p>S3E</p> <p>Hybrid Crowd-Machine Methods as Alternatives to Pooling & Expert Judgments</p> <p><i>Christopher G. Harris and Padmini Srinivasan</i></p>
	<p>SESSION 4: IR Models and Theories</p> <p>CHAIRPERSON : ZAINAB BT ABU BAKAR</p>
3.20 - 3.40 pm	<p>S4A</p> <p>Personalizing Web Search Results based on Subspace Projection</p> <p><i>Jingfei Li, Dawei Song, Peng Zhang, Ji-Rong Wen, and Zhicheng Dou</i></p>

Time	Conference Program
3.40 - 4.00 pm	<p>S4B</p> <p>Aggregating Results from Multiple Related Queries to Improve Web Search over Sessions</p> <p><i>Ashraf Bah and Ben Carterette</i></p>
4.00 - 4.20 pm	<p>S4C</p> <p>Modified Frequency-based Term Weighting Scheme for Accurate Dark Web Content Classification</p> <p><i>Thabit Sabbah and Ali Selamat</i></p>
4.20 - 4.35 pm	COFFEE BREAK
4.35 - 4.55 pm	<p>S4 D</p> <p>Integrating Semantic Term Relations into Information Retrieval Systems based on Language Models</p> <p><i>Mohannad ALMasri, KianLam Tan, Catherine Berrut, Jean-Pierre Chevallet, and Philippe Mulhem</i></p>
4.55 - 5.15 pm	<p>S4E</p> <p>Towards Risk-Aware Resource Selection</p> <p><i>Ilya Markov, Mark Carman, and Fabio Crestani</i></p>

Day 2 : 4th Dec 2014 (Thursday)

Time	Conference Program
	<p>SESSION 5 : Machine Learning and Data Mining for IR</p> <p>CHAIRPERSON : MUTHUKKARUPPAN ANNAMALAI</p>
08.30 - 08.50 am	<p>S5A</p> <p>Analysis of Japanese Wikipedia Category for Constructing Wikipedia Ontology and Semantic Similarity Measure</p> <p><i>Masaharu Yoshioka</i></p>
08.50 - 09.10 am	<p>S5B</p> <p>Emotional Links between Structure and Content in Online Communications</p> <p><i>Rafael E. Banchs and Andreas Kaltenbrunner</i></p>
09.10 - 09.30 am	<p>S5C</p> <p>Content Quality of Clustered Latent Dirichlet Allocation Short Summaries</p> <p><i>Muthukkaruppan Annamalai and Siti Farah Nasehah Mukhlis</i></p>

Time	Conference Program
09.30 - 09.50 am	<p>S5D</p> <p>Nature Inspired Data Mining Algorithm for Document Clustering in Information Retrieval</p> <p><i>Athraa Jasim Mohammed, Yuhanis Yusof, and Husniza Husni</i></p>
09.50 - 10.10 am	<p>S5E</p> <p>Enhancing Machine-Learning Methods for Sentiment Classification of Web Data</p> <p><i>Zhaoxia Wang, Victor Joo Chuan Tong, and Hoong Chor Chin</i></p>
10.10 - 10.20 am	COFFEE BREAK
10.20 - 10.40 am	<p>S5F</p> <p>Name Disambiguation by Collective Classification</p> <p><i>Zhongxiang Chen, Jiafeng Guo, Yanyan Lan, Lei Cao, and Xueqi Cheng</i></p>
10.40 - 11.00 am	<p>S5G</p> <p>Hierarchical Dirichlet Process Topic Modeling for Large Number of Answer Types Classification in Open Domain Question Answering</p> <p><i>Seonyeong Park, Donghyeon Lee, Junhwi Choi, Seonghan Ryu, Yonghee Kim, Soonchoul Kwon, Byungsoo Kim, and Gary Geunbae Lee</i></p>
11.00 - 11.20 am	<p>S5H</p> <p>A Comparative Study of Feature Selection and Machine Learning Algorithms for Arabic Sentiment Classification</p> <p><i>Nazlia Omar, Mohammed Albared, Tareq Al-Moslmi, and Adel Al-Shabi</i></p>
11.20 - 11.40 am	<p>S5I</p> <p>Undersampling Techniques to Re-balance Training Data for Large Scale Learning-to-Rank</p> <p><i>Muhammad Ibrahim and Mark Carman</i></p>
11.40 - 12.00 am	<p>S5J</p> <p>Nurturing Filled Pause Detection for Spontaneous Speech Retrieval</p> <p><i>Raseeda Hamzah, Nursuriati Jamil, and Noraini Seman</i></p>
	<p>SESSION 6: Web IR, Scalability and IR in Social Media</p> <p>CHAIRPERSON : ALISTAIR MOFFAT</p>
12.00 - 12.20 am	<p>S6A</p> <p>Online Social Network Profile Linkage</p> <p><i>Haochen Zhang, Min-Yen Kan, Yiqun Liu, and Shaoping Ma</i></p>

Time	Conference Program
12.20 - 12.40 am	<p>S6B</p> <p>User Message Model: A New Approach to Scalable User Modeling on Microblog</p> <p><i>Quan Wang, Jun Xu, and Hang Li</i></p>
12.40 - 1.00 pm	<p>S6C</p> <p>Enhanced FastPFOR for Inverted Index Compression</p> <p><i>S Domnic and V Glory</i></p>
1.00 - 2.30 pm	LUNCH BREAK
2.30 – 5.00 pm	<p>PANEL SESSION</p> <p>TITLE : Information Retrieval Technology : Future Directions</p> <p>Moderator: Tengku Mohd Tengku Sembuk</p> <p>Panels:</p> <ol style="list-style-type: none"> 1. Alan Smeaton (<i>Dublin City University, Ireland</i>) 2. Fabio Crestani (<i>University of Lugano , Switzerland</i>) 3. Alistair Moffat (<i>University of Melbourne, Australia</i>) 4. Masaharu Yoshioka (<i>Hokkaido University, Japan</i>)
5.00 - 5.15 pm	COFFEE BREAK
8.00 - 10.00 pm	CONFERENCE DINNER BEST PAPER AWARD

Day 3 : 5th Dec 2014 (Friday)

Time	Conference Program
	<p>SESSION 7: Natural Language Processing for IR</p> <p>CHAIRPERSON : RABIAH BT ABDUL KADER</p>
08.30 - 08.50 am	<p>S7A</p> <p>Linguistically Enhanced Collocate Words Model</p> <p><i>Siaw Nyuk Hiong, Bali Ranaivo-Malançon, Narayanan Kulathuramaiyer, and Jane Labadin</i></p>
08.50 - 09.10 am	<p>S7B</p> <p>Named Entity Extraction via Automatic Labeling and Tri-Training: Comparison of Selection Methods</p> <p><i>Chien-Lung Chou and Chia-Hui Chang</i></p>

Time	Conference Program
09.10 - 09.30 am	<p>S7C</p> <p>Contrastive Max-Sum Opinion Summarization</p> <p><i>Makbule Gulcin Ozsoy and Ruket Cakıcı</i></p>
09.30 - 09.50 am	<p>S7D</p> <p>Distance Measures and Stemming Impact on Arabic Document Clustering</p> <p><i>Qusay Bsoul, Eiman Al-Shamari, Masnizah Mohd, and Jaffar Atwan</i></p>
09.50 - 10.10 am	<p>S7E</p> <p>Correlation-based Feature Selection for Association Rule Mining in Semantic Annotation of Mammographic Medical Images</p> <p><i>Nirase Fathima Abubacker, Azreen Azman, Shyamala Doraisamy, Masrah Azrifah Azmi Murad, Mohamed Eltahir Makki Elmanna, and Rekha Saravanan</i></p>
10.10 - 10.20 am	COFFEE BREAK
10.20 - 10.40 am	<p>S7F</p> <p>Extracting Interest Tags from Twitter User Biographies</p> <p><i>Ying Ding and Jing Jiang</i></p>
10.40 - 11.00 am	<p>S7G</p> <p>Named Entity Recognition in Crime Using Machine Learning Approach</p> <p><i>Hafedh Shabat, Nazlia Omar, and Khmael Rahem</i></p>
11.00 - 11.20 am	<p>S7H</p> <p>A New Combination Method based on Adaptive Genetic Algorithm for Medical Image Retrieval</p> <p><i>Karim Gasmı, Mouna Torjmen-Khemakhem, Lynda Tamine, and Maher Ben Jemaa</i></p>
11.20 - 11.40 am	<p>S7I</p> <p>Leveraging Wikipedia and Context Features for Clinical Event Extraction from Mixed-Language Discharge Summary</p> <p><i>Kwang-Yong Jeong, Wangjin Yi, Jae-Wook Seol, Jinwook Choi, and Kyung-Soon Lee</i></p>
11.40 - 12.00 am	<p>S7J</p> <p>Impact of Stemmer on Arabic Text Retrieval</p> <p><i>Jaffar Atwan, Masnizah Mohd, Ghassan Kanaan, and Qusay Bsoul</i></p>

Time	Conference Program
12.00 - 12.20 am	<p>S7K</p> <p>Extraction of Semantic Features from Transaction Dialogues</p> <p><i>Aida Mustapha</i></p>
12.20 - 12.40 am	<p>S7L</p> <p>Extracting Corpus-Specific Strings by Using Suffix Arrays Enhanced with Longest Common Prefix</p> <p><i>Minoru Yoshida, Kazuyuki Matsumoto, Qingmei Xiao, Xielifuguli Keranmu, Kenji Kita, and Hiroshi Nakagawa</i></p>
12.40 - 1.00 pm	<p>S7M</p> <p>Feasibility Study Concerning the Use of Reasoning Technique in Semantic Reasoners</p> <p><i>Mary Ting, Rabiah Abdul Kadir, Tengku Mohd Tengku Sembok, Fatimah Ahmad, and Azreen Azman</i></p>
1.00 - 2.00 pm	<p>LUNCH BREAK</p> <p>CONFERENCE END</p>

Day 4 : 6th Dec 2014 (Saturday)

Time	Conference Program
8.00am - 6.00 pm	CONFERENCE TOUR