



Science Meeting – Scientific Report

The scientific report (WORD or PDF file - maximum of seven A4 pages) should be submitted online within two months of the event. It will be published on the ESF website.

Proposal Title: 'CLEF 2014: Information Access Evaluation meets Multilinguality, Multimodality and Interaction

Application Reference N°: 5629

1) Summary (up to one page)

The 2014 Conference and Labs of the Evaluation Forum (CLEF, see: <http://clef2014.clef-initiative.eu/>) event was held at the University of Sheffield, UK, on September 15-18, 2014. The conference was entitled “Information Access Evaluation meets Multilinguality, Multimodality and Interaction” and addressed issues around multilingual and multimodal information access, information interaction, as well as the evaluation of search systems.

CLEF celebrated its 15th anniversary this year having been conceived in 2000 as the Cross-Language Evaluation Forum aimed at stimulating research and innovation in multimodal and multilingual information access and retrieval. Over the years, it has actively nurtured and engaged a vibrant, multidisciplinary research community in the study, design, and implementation of evaluation methods for multiple tasks using diverse data sets and in many languages.

In the first 10 years, CLEF conducted a series of experimental labs that were reported annually at workshops held in conjunction with the European Conference on Digital Libraries (ECDL). In 2010, now a mature and well-respected evaluation forum, it expanded to include a complementary peer-reviewed conference for reporting the evaluation of information access and retrieval systems regardless of data type, format, language, etc. Since then CLEF has continued that format with keynotes, contributed papers, lab sessions, and poster sessions, including reports from other benchmarking initiatives from around the world.

The CLEF 2014 conference had more than 150 participants from different academic institutions and industrial organisations. Though the majority (114) of participants come from Europe, there was also considerable interest in CLEF worldwide, with 20

participants from the Americas, 16 from Asia, 1 from Australia, and 2 from the Middle East.

2) Description of the scientific content of and discussions at the event (up to four pages)

For the conference part 12 long papers and 4 short papers were accepted (an acceptance rate of 53%). The papers were presented within three sessions dedicated to (1) evaluation, (2) domain specific approaches, and (3) alternative search tasks. CLEF aims to encourage the submission of papers that address methodological and evaluation questions in order to provide a scientific framework that is meant to be inspiring for participants across all labs.

Three eminent scholars in the field headlined each day of the conference and all took a human-centred focus to their talks. *Ann Blandford* (Professor of Human-Computer Interaction at University College London) put the user at the centre of an information seeking and retrieval process which she referred to as the *information journey*. In her talk she examined ways in which the wider user experience process could be evaluated to support this information journey. *Susan Dumais* (Distinguished Scientist at Microsoft and Deputy Managing Director of the Microsoft Research Lab in Redmond) focused on query understanding. Focusing on a short search query in isolation is a very difficult task; query understanding is much easier if the “context” in which the query arises, e.g., previous queries the searcher has issued, the current location and time, etc., is taken into account. Susan described a framework for capturing query context and provided several examples of how context could be represented and used to improve search quality. *Fabio Ciravegna* (Professor of Language and Knowledge Technologies at the Department of Computer Science at the University of Sheffield) discussed his work with emergency services and organisers of very large events involving hundreds of thousands of participants to help identify planned and unplanned situations through social media. To support this required not only development of real-time large-scale text and data analysis tools for social media mining, but also applying visual analytics and an understanding of the human context. Fabio ended by considering ethical issues that must be considered when dealing with social media.

The conference hosted also a panel session on *other evaluation initiatives*, which informed delegates of current and upcoming activities within evaluation initiatives worldwide. The panel session included *Ian Soboroff* from the National Institute of Standards and Technology (USA) who presented TREC (<http://trec.nist.gov/>) (Text REtrieval Conference), the first large-scale evaluation activity organised in the field of IR, which began in 1992. *Hideo Joho* from the University of Tsukuba (Japan) presented NTCIR (<http://research.nii.ac.jp/ntcir/>) (NII Testbeds and Community for Information access Research), which promotes research in information access technologies with a special focus on East Asian languages and English. *Gareth Jones* from Dublin City University (Ireland) presented MediaEval (<http://www.multimediaeval.org/>), which is dedicated to evaluating new algorithms for multimedia access and retrieval. Finally, *Prasenjit Majumder* from DAICT (Gandhinagar, India) presented the FIRE (<http://www.isical.ac.in/~clia/>) (Forum for Information Retrieval Evaluation) initiative, whose aim is encouraging research in Indian languages by creating a platform similar to CLEF for Indian languages to provide data and provide a common forum for comparing models and techniques.

The conference also hosted a rich social programme. On Monday evening a welcome reception was held at the conference venue (The Edge, Endcliffe Village) in conjunction with the conference poster session. This allowed people to socialise and to discuss research activities in a warm and relaxed way. On Tuesday the social dinner was held at Cutlers' Hall, one of Sheffield's most prestigious venues set in the heart of the city centre. During the dinner an award was given for best paper to Roland Roller and Mark Stevenson for their paper entitled *Self-Supervised Relation Extraction using UMLS*. Finally, on Wednesday evening, a party was held at the conference venue to celebrate the 15th birthday of CLEF. This included tasting the culinary delights of South Yorkshire in the form of "Pie and Peas".

Out of 10 received lab proposals, 8 were selected and run during CLEF 2014. Proposals were judged on various criteria, including their topical relevance, novelty, potential research impact, likely number of participants, and the quality of the organizing consortium. This year we further stressed the connection to real-life usage scenarios and avoided overlaps amongst labs in order to promote synergies and integration. This was possible also thanks to a new activity introduced in 2013, which is a lab organizers and proposers meeting co-located with the European Conference on Information Retrieval (ECIR), held in Moscow on March 26th, and carried on in 2014 with a meeting on April 14th co-located with ECIR 2014 in Amsterdam. Both meetings were supported by the ELIAS network (<http://www.elias-network.eu/>).

Each Lab, building on previous experience, demonstrated maturity coming with new tasks, new and larger data sets, new ways of evaluation or more languages. Details about the activities and the outcomes of each lab are reported in the lab proceedings and here we provide just a brief overview of them.

- **[CLEF eHealth - ShARe/CLEF eHealth Evaluation Lab]** The usage scenario of the CLEF eHealth lab is to ease patients and next-of-kins' ease in understanding eHealth information. The lab contains three tasks: Visual-Interactive Search and Exploration of eHealth Data, Information extraction from clinical text, User-centred health information retrieval.
- **[ImageCLEF]** ImageCLEF aims at providing benchmarks for the challenging task of image annotation for a wide range of source images and annotation objective. The tasks address different aspects of the annotation problem and are aimed at supporting and promoting the cutting-edge research addressing the key challenges in the field, such as multi-modal image annotation, domain adaptation and ontology driven image annotation. The Lab tasks are: Robot Vision, Scalable concept Image Annotation, Liver CT Annotation and Domain Adaptation.
- **[INEX - Initiative for the Evaluation of XML retrieval]** INEX builds evaluation benchmarks for search in the context of rich structure such as document structure, semantic metadata, entities, or genre/topical structure. INEX 2014 runs the following tasks: Social Book Search Task, Interactive Social Book Search Task, Tweet Contextualization Task.
- **[LifeCLEF]** LifeCLEF aims at evaluating multimedia analysis and retrieval techniques on biodiversity data for species identification. The three Tasks regard respectively birds, plants and fishes: BirdCLEF (a bird songs identification task based on Xeno-Canto audio recordings), PlantCLEF (an image-based plant identification task based on the data of Tela Botanica social network) and FishCLEF (a fish video surveillance task based on the data of the Fish4Knowledge network).

- **[NEWSREEL - News Recommendation Evaluation Lab]** Newsreel Lab is the first news recommendation evaluation Lab and it is divided in two different tasks. One task is about predicting the items a user will click in the next 10 Minutes based on the offline dataset. The other task is about predicting the articles users will click; in this task, the prediction algorithms are evaluated in an online scenario based on live user-interactions.
- **[PAN Lab on Uncovering Plagiarism, Authorship, and Social Software Misuse]** PAN centres around the topics of plagiarism, authorship, and social software misuse. The goal is to foster research on automatic detection and uncovering. People increasingly share their work online, contribute to open projects and engage in web-based social interactions. The ease and anonymity with which this can be done raises concerns about verifiability and trust: Is a given text an original? Is the author the one who she claims to be? Does a piece of information come from a trusted source? There are three Lab Tasks: Author Identification, Author Profiling and Plagiarism Detection.
- **[QA Track - CLEF Question Answering Track]** In the current general scenario for the CLEF QA Track, the starting point is always a Natural Language question. However, answering some questions may need to query Linked Data; whereas some questions may need textual inferences and querying free-text. Answering some queries may need both. The tasks are: QALD - Question Answering over Linked Data, Bio-ASQ - Biomedical semantic indexing and question answering, Entrance Exams.
- **[RepLab - Online Reputation Management]** The aim of RepLab is to bring together the Information Access research community with representatives from the Online Reputation Management industry, with the ultimate goals of (i) establishing a roadmap on the topic that includes a description of the language technologies required in terms of resources, algorithms, and applications; (ii) specifying suitable evaluation methodologies and metrics to measure scientific progress; and (iii) developing of test collections that enable systematic comparison of algorithms and reliable benchmarking of commercial systems. Lab Tasks are Reputation Dimensions and Author Profiling.

3) **Assessment of the results and impact of the event on the future directions of the field (up to two pages)**

CLEF 2014 is the fifth CLEF conference continuing the popular CLEF campaigns which have run since 2000 contributing to the systematic evaluation of information access systems, primarily through experimentation on shared tasks.

Building on the format first introduced in 2010, CLEF 2014 consists of an independent peer-reviewed conference on a broad range of issues in the fields of multilingual and multimodal information access evaluation, and a set of labs and workshops designed to test different aspects of mono and cross-language Information retrieval systems. Together, the conference and the lab series will maintain and expand upon the CLEF tradition of community-based evaluation and discussion on evaluation issues.

CLEF 2014 Highlights

Keynotes



Susan Dumais



Fabio Ciravegna



Ann Blandford

Panel on other evaluation initiatives



Ian Soboroff
(NIST)



Hideo Joho
(NTCIR)



Prasenjit Majumder
(FIRE)



Gareth Jones
(MediaEval)

Other



CLEF 2014 will be officially opened by Professor Paul White, Deputy Vice-Chancellor of the University of Sheffield



Springer conference proceedings for CLEF 2014 available online



CEUR-WS Lab Proceedings for CLEF 2014 available online

References

- [1] Cappellato, L., Ferro, N., Halvey, M., and Kraaij, W., editors (2014). *CLEF 2014 Labs and Workshops, Notebook Papers*. CEUR Workshop Proceedings (CEUR-WS.org), ISSN 1613-0073, <http://ceur-ws.org/Vol-1180/>.
- [2] Kanoulas, E., Lupu, M., Clough, P., Sanderson, M., Hall, M., Hanbury, A., and Toms, E., editors (2014). *Information Access Evaluation – Multilinguality, Multimodality, and Interaction. Proceedings of the Fifth International Conference of the CLEF Initiative (CLEF 2014)*. Lecture Notes in Computer Science (LNCS) 8685, Springer, Heidelberg, Germany.

CLEF 2015 will be hosted by the Institut de Recherche en Informatique de Toulouse (IRIT), France, 8-11 September 2015. The call for papers for the CLEF 2015 Conference will be released around November 2014, and the expected deadline for the submission of papers will be around April 2015. As far as labs are concerned, CLEF 2015 will run eight evaluation activities:

- [CLEF eHealth] Usage scenario is to ease patients and nurses ease in understanding and accessing eHealth information. The goals of the lab are to develop processing methods and resources in a multilingual setting to enrich difficult-to-understand eHealth texts, and provide valuable documentation. The lab contains two tasks: Information extraction from Clinical Data; and, User-centered health information retrieval.

- [ImageCLEF] In 2015, ImageCLEF will organize four main tasks with a global objective of benchmarking automatic annotation and indexing of images. The tasks tackle different aspects of the annotation problem and are aimed at supporting and promoting cutting-edge research addressing the key challenges in the field: Image Annotation; Medical Classification; Medical Clustering; and, Liver CT Annotation.
- [LifeCLEF] LifeCLEF aims at evaluating multimedia analysis and retrieval techniques on biodiversity data for species identification. It will continue the three tasks offered in the previous year, namely BirdCLEF, PlantCLEF and FishCLEF, but scaling-up the evaluation data to hundreds of thousands of life media records and thousands of living species.
- [Living Lab for IR (LL4IR)] The main goal is to provide a benchmarking platform for researchers to evaluate their ranking systems in a live setting with real users in their natural task environment. This first edition of the lab features three tasks, each corresponding to a single use-case: (i) Local domain search using a university search engine; (ii) Product search on a medium-sized online retailer; (iii) Web search using a commercial search engine.
- [News Recommendation Evaluation Lab (NEWSREEL)] In the second iteration of the lab, we provide two tasks that address the challenge of real-time news recommendation. Participants could: a) develop news recommendation algorithms and b) have them tested by millions of users over the period of a few weeks in a living lab.
- [Uncovering Plagiarism, Authorship and Social Software Misuse (PAN)] This is the 12th evaluation lab on uncovering plagiarism, authorship, and social software misuse. PAN offers three tasks with new evaluation resources consisting of large-scale corpora, performance measures, and web services that allow for meaningful evaluations. The main goal is to provide for sustainable and reproducible evaluations, to get a clear view of the capabilities of state-of-the-art-algorithms. The tasks are: Plagiarism Detection; Author Identification; and, Author Profiling.
- [Question answering (QA)] In the current general scenario for the CLEF QA Track, the starting point is always a Natural Language question. However, answering some questions may need to query Linked Data (especially if aggregations or logical inferences are required); whereas some questions may need textual inferences and querying free-text. Answering some queries may need both. The tasks are: QALD, Question Answering over Linked Data; Entrance Exams, Questions from reading tests; Large-Scale Biomedical Semantic Indexing; and, BioASQ, Biomedical Question answering.
- [Social Book Search (SBS)] Real-world information needs are generally complex, yet almost all research focuses instead on either relatively simple search based on queries or recommendation based on profiles. The goal of the Social Book Search Lab is to investigate techniques to support users in complex book search tasks that involve more than just a query and results list. Tasks: Suggestion track, and Interactive track.

More information about CLEF 2015 are available on its homepage at:
<http://clef2015.clef-initiative.eu/>

CLEF 2016 will be hosted by the University of Evora, Portugal, in early September 2016.

4) Annexes 4a) and 4b): Programme of the meeting and full list of speakers and participants

Annex 4a: Programme of the meeting

Main programme

Monday 15th Sept				
Time				Location
08:00-08:45	Registration			Reception
08:45-09:00	Opening and welcome Paul White (Deputy Vice-Chancellor) Paul Clough (CLEF 2014 General Chair)			High Tor 2
09:00-10:00	Keynote 1 - Ann Blandford (UCL) Title: Information interaction evaluation			High Tor 2
10:00-10:30	Break - set up posters			Dining room
10:30-12:30	Conference papers: Session 1			High Tor 2
12:30-13:30	Lunch			Dining room
13:30-15:00	Conference papers: Session 2			High Tor 2
15:00-15:30	Break			Dining room
15:30-18:00	Labs overview			High Tor 2
18:00-19:30	Poster session and Welcome reception			Dining Room and Bar area
Tuesday 16th Sept				
Time	Location			
	High Tor 2	Sharman*	High Tor 3	High Tor 4
09:00-10:00	Keynote 2 - Susan Dumais (Microsoft Research) Title: Search and context (High Tor 2)			
10:00-10:30	Break (Dining room)			
10:30-12:30	QA	PAN	INEX	ImageCLEF
12:30-13:30	Lunch (Dining Room) CLEF Steering Committee Meeting			
13:30-15:30	QA	PAN	INEX	ImageCLEF
15:30-16:00	Break (Dining room)			
16:00-18:00	QA	PAN	INEX	ImageCLEF
19:30-Late	Conference dinner (Cutlers Hall)			
Wednesday 17th Sept				
Time	Location			
	High Tor 2	Sharman*	High Tor 3	High Tor 4

09:00-10:00	Keynote 3 - Fabio Ciravegna (University of Sheffield) Title: Playing 'Where's Wally' with Social Media (High Tor 2)			
10:00-10:30	Break - set up posters (Dining Room)			
10:30-12:30	Conference papers: Session 3 (High Tor 2)			
12:30-13:30	Lunch (Dining Room)			
13:30-15:30	QA-QALD (+INE)	CLEFeHealth	RepLab	LifeCLEF
15:30-16:00	Break (Dining room)			
16:00-18:00	QA (BioASQ)	CLEFeHealth	RepLab	LifeCLEF
18:00-20:00	Happy 15th Birthday CLEF and refreshments (Dining Room and Bar Area)			
Thursday 18th Sept				
Time	Location			
	High Tor 2	Ennis*	High Tor 3	High Tor 4
09:00-10:00	Other evaluation initiatives (High Tor 2) TREC: Ian Soboroff , National Institute of Standards and Technology (NIST), USA NTCIR: Hideo Joho , Faculty of Library, Information and Media Science, University of Tsukuba FIRE: Prasenjit Majumder , DAICT, Gandhinagar, India MediaEval: Gareth Jones , Dublin City University, Ireland			
10:00-10:30	Break (Dining Room)			
10:30-12:30	NewsREEL	CLEFeHealth	RepLab	LifeCLEF
12:30-13:30	Lunch (Dining Room)			
13:30-14:00	CLEF 2015 Lab proposals and Closing (High Tor 2)			

Labs programme

QA

Session 1	Tuesday 16th September	10:30 - 12:30	High Tor 2
10:30 - 10:40	Welcome		
10:40 - 11:00	QALD Overview <i>C. Unger</i>		
11:00 - 11:25	Entrance Exams Overview <i>Anselmo Peñas</i>		
11:30 - 12:30	Invited talk: An Inquiry into Question-Answering and Deep QA <i>Patrick Ruch</i>		

Session 2	Tuesday 16th September	13:30 - 15:30	High Tor 2
13:30 - 13:50	BioASQ Overview <i>A. Krithara and G. Paliouras</i>		
13:50 - 14:15	BioASQ paper: UMass at BioASQ 2014: Figure-Inspired Text Retrieval <i>J. Lingeman and L. Dietz</i>		
14:15 - 14:40	BioASQ paper: HPI in-memory-based database system in Task 2b of BioASQ <i>M. L. Neves</i>		
14:40 - 15:05	BioASQ paper: Recent Enhancements to the NLM Medical Text Indexer <i>J. G. Mork, D. Demner-Fushman, S. C. Schmidt, and A. R. Aronson</i>		
15:05 - 15:30	BioASQ paper: Automatic Classification of PubMed Abstracts with Latent Semantic Indexing <i>J. R. Adams and S. Bedrick</i>		

Session 3	Tuesday 16th September	16:00 - 18:00	High Tor 2
16:00 - 16:25	BioASQ paper: CoLe and UTAI participation at the 2014 BioASQ semantic indexing challenge <i>F. J. Ribadas, L. M. de Campos, V. M. Darriba, and A. E. Romero</i>		
16:25 - 16:50	BioASQ paper: Ensemble Approaches for Large-Scale Multi-Label Classification and Question Answering in Biomedicine <i>Y. Papanikolaou, D. Dimitriadis, G. Tsoumakas, M. Laliotis, N. Markantonatos, and I. Vlahavas</i>		
16:50 - 17:15	BioASQ paper: NCBI at the 2014 BioASQ challenge task: large-scale biomedical semantic indexing and question answering <i>Y. Mao, C.-H. Wei, and Z. Lu</i>		
17:15 - 17:40	BioASQ paper: The Fudan-UIUC participation in the BioASQ Challenge Task 2a: The Antinomyra system <i>K. Liu, J. Wu, S. Peng, C. Zhai, and S. Zhu</i>		
17:40 - 18:00	BioASQ announcement of winners and awards		

Session 4	Wednesday 17th September	13:30 - 15:30	High Tor 2
13:30 - 13:54	Entrance Exams paper: Graph Based Approach for the Question Answering Task Based on Entrance Exams <i>H. Gómez-Adorno, G. Sidorov, D. Pinto, and A. Gelbukh</i>		
13:54 - 14:18	Entrance Exams paper: Synapse Développement at Entrance Exams 2014 <i>D. Laurent, B. Chardon, S. Negre, and P. Seguela</i>		
14:18 - 14:42	QALD paper: Answering Natural Language Questions with Intui 3 <i>Corina Dima</i>		

14:42 - 15:06	QALD paper: Answering Natural Language Questions via Phrasal Semantic Parsing <i>Kun Xu</i>
15:06 - 15:30	QALD paper: ISOFT at QALD-4: Semantic similarity-based question answering system over linked data <i>Seonyeong Park</i>

Session 5	Wednesday 17th September	16:00 - 18:00	High Tor 2
16:00 - 16:25	QALD paper: gAnswer at QALD-4 <i>Kun Xu</i>		
16:25 - 16:50	QALD paper: Description of the POMELO system for the task 2 of QALD-2014 <i>Cyril Grouin</i>		
16:50 - 17:15	QALD paper: GFMed: Question Answering over BioMedical Linked Data with Grammatical Framework <i>Anca Marginean</i>		
17:15 - 17:35	INEX Linked Data resources for QA		
17:35 - 17:55	Breakout session: Current challenges and future directions for QA		
17:55 - 18:00	Closing		

PAN

Session 1	Tuesday 16th September	10:30 - 12:30	Sharman*
10:30 - 11:30	Proving Ownership: The Case of “Wag in a Bag” <i>Paul Clough</i>		
11:30 - 11:50	Overview of the 6 th International Competition on Plagiarism Detection <i>Martin Potthast, Matthias Hagen, Anna Beyer, Matthias Busse, Martin Tippmann, Paolo Rosso, and Benno Stein</i>		
11:50 - 12:10	A Winning Approach to Text Alignment for Text Reuse Detection at PAN 2014 <i>Miguel A. Sanchez-Perez, Grigori Sidorov, Alexander Gelbukh</i>		
12:10 - 12:30	Heterogeneous Queries for Synoptic and Phrasal Search <i>Šimon Suchomel and Michal Brandejs</i>		

Session 2	Tuesday 16th September	13:30 - 15:30	Sharman*
13:30 - 14:30	Unsupervised Personality Recognition from Text: Possible Applications <i>Fabio Celli</i>		
14:30 - 14:50	Overview of the 2nd Author Profiling Task at PAN 2014 <i>Francisco Rangel, Paolo Rosso, Irina Chugur, Martin Potthast, Martin Trenkmann, Benno Stein, Ben Verhoeven, Walter Daelemans</i>		

14:50 - 15:10	Using Intra-Profile Information for Author Profiling <i>A. Pastor López-Monroy, Manuel Montes-y-Gómez, Hugo Jair Escalante, and Luis Villaseñor-Pineda</i>
15:10 - 15:30	A Simple Approach to Author Profiling in MapReduce <i>Suraj Maharjan, Prasha Shrestha, and Thamar Solorio</i>
15:30	Award of appreciation for the overall best performing author profiling approach, sponsored by Corex Atribus, Spain

Session 3	Tuesday 16th September	16:00 - 18:00	Sharman*
16:00 - 16:20	Overview of the Author Identification Task at PAN 2014 <i>Efstathios Stamataos, Walter Daelemans, Ben Verhoeven, Martin Potthast, Benno Stein, Patrick Juola, Miguel A. Sanchez-Perez, and Alberto Barrón-Cedeño</i>		
16:20 - 16:40	A Slightly-modified GI-based Author-verifier with Lots of Features (ASGALF) <i>Mahmoud Khonji and Youssef Iraqi</i>		
16:40 - 17:00	Author Verification: Exploring a Large set of Parameters using a Genetic Algorithm <i>Erwan Moreau, Arun Jayapal, and Carl Vogel</i>		
17:00 - 18:00	Discussion		

* Note: the Sharman room is in a different building (Halifax Hall). Allow five minutes to walk there from The Edge.

INEX

Session 1	Tuesday 16th September	10:30 - 12:30	High Tor 3
10:30 - 11:00	Overview of the INEX 2014 Interactive Social Book Search Track <i>Eric SanJuan, University of Avignon</i>		
11:00 - 11:30	IRIT at INEX since 2011 <i>Liane Ermakova and Josiane Mothe, IRIT</i>		
11:30 - 12:00	Can Tweet Contextualisation be helpful for e-reputation management? <i>Jean Valère Cossu, University of Avignon</i>		
12:00 - 12:30	Meta evaluation and future prospects <i>Josiane Mothe, IRIT and Eric Sanjuan, University of Avignon</i>		

Session 2	Tuesday 16th September	13:30 - 15:30	High Tor 3
13:30 - 14:00	Overview of the Interactive Social Book Search Track <i>Marijn Koolen, University of Amsterdam</i>		
14:00 - 14:30	ISM@INEX'14 Suggestion Task <i>Ritesh Kumar, India School of Mines Dhanbad</i>		
14:30 - 15:00	USTB at INEX2014: Social Book Search Track <i>Bo-wen Zhang, University of Science and Technology Beijing</i>		
15:00 - 15:30	University of Amsterdam at the SBS Track <i>Marijn Koolen, University of Amsterdam</i>		

Session 3	Tuesday 16th September	16:00 - 18:00	High Tor 3
16:00 - 16:30	Overview of the Interactive Social Book Search Track <i>Mark Hall, Edge Hill University and Mette Skov, Aalborg University</i>		
16:30 - 17:00	ISBS Edge Hill University results <i>David Walsh, Edge Hill University</i>		
17:00 - 17:30	Multistage Models <i>Hugo Huurdeman, University of Amsterdam</i>		
17:30 - 18:00	Discussion on (I)SBS 2015		

ImageCLEF

Session 1	Tuesday 16th September	10:30 - 12:30	High Tor 4
10:30 - 11:00	Overview of the ImageCLEF 2014 Domain Adaptation Task <i>Novi Patricia</i>		
11:00 - 11:30	Overview of the ImageCLEF 2014 Scalable Concept Image Annotation Task <i>Mauricio Villegas</i>		
11:30 - 12:00	ImageCLEF Liver CT Image Annotation Task 2014 <i>Henning Müller</i>		
12:00 - 12:30	Overview of the ImageCLEF 2014 Robot Vision Task <i>Jesus Martinez-Gomez</i>		

Session 2	Tuesday 16th September	13:30 - 15:30	High Tor 4
13:30 - 13:50	KDEVIR at ImageCLEF 2014 Scalable Concept Image Annotation Task: Ontology based Automatic Image Annotation [Scalable Concept Image Annotation] <i>Masaki Aono</i>		
13:50 - 14:10	MIL at ImageCLEF 2014: Scalable System for Image Annotation [Scalable Concept Image Annotation] <i>Atsushi Kanehira</i>		
14:10 - 14:30	DISA at ImageCLEF 2014: The search-based solution for scalable image annotation [Scalable Concept Image Annotation] <i>Michal Batko</i>		
14:30 - 14:50	Assembling Heterogeneous Domain Adaptation Methods for Image Classification [Domain Adaptation] <i>Boris Chidlovskii</i>		
14:50 - 15:10	Towards Content-Based Image Retrieval: From Computer Generated Features to Semantic Descriptions of Liver CT Scans [Liver CT Image Annotation] <i>Assaf B. Spanier</i>		

Session 3	Tuesday 16th September	16:00 - 18:00	High Tor 4
16:00 - 18:00	Discussion on feedback and the future		

CLEF eHealth

Session 1	Wednesday 17th September	13:30 - 15:30	Sharman*
13:30 - 13:45	Opening remarks		
13:45 - 14:20	Task 1 overview: Visual-Interactive Search and Exploration of eHealth Data <i>Tobias Schreck, University of Konstanz, Germany</i>		
14:20 - 14:55	Task 2 overview: Information extraction from clinical text <i>Danielle Mowery, University of Pittsburgh, USA</i>		
14:55 - 15:30	Task 3 overview: User-centred health information retrieval <i>Liadh Kelly and Lorraine Goeriot, Dublin City University, Ireland</i>		

Session 2	Wednesday 17th September	16:00 - 18:00	Sharman*
16:00 - 17:00	Keynote <i>Maria Kvist, Karolinska University Hospital, Sweden</i>		
17:00 - 17:20	Task 1 team presentation		
17:20 - 17:40	Task 2 team HPI presentation <i>Mariana Neves, Hasso Plattner Institute at the University of Potsdam, Germany</i>		
17:40 - 18:00	Task 2 team HITACHI <i>Nishikant Johri, Hitachi, India</i>		

Session 3	Thursday 18th September	10:30 - 12:30	Ennis*
10:30 - 10:50	Task 3 team GRIUM presentation <i>Jian-Yun Nie, Université de Montréal, Canada</i>		
10:50 - 11:10	Task 3 team RePaLi presentation <i>Sébastien Le Maguer, INRIA, IRISA, France</i>		
11:10 - 11:30	Discussion session on CLEF eHealth 2014		
11:30 - 12:20	Panel session <i>Angus Roberts, George Paliouras, Maria Kvist</i>		
12:20 - 12:30	Wrap-up / closing		

* Note: the Sharman and Ennis rooms are in a different building (Halifax Hall). Allow five minutes to walk there from The Edge.

RepLab

Session 1	Wednesday 17th September	13:30 -	High Tor 3
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		15:30	
13:30 - 14:10	Invited talk 1: TBD <i>Juan Cardona, Llorente & Cuenca</i>		
14:10 - 14:45	Overview		
14:45 - 15:30	Author profiling track		

Session 2	Wednesday 17th September	16:00 - 18:00	High Tor 3
16:00 - 17:00	Invited talk 2: Features and target tasks - what are we aiming for and what do we learn? <i>Jussi Karlgren</i>		
17:00 - 17:15	Reputation dimensions track		
17:15 - 18:00	Experiments using RepLab 2013 data		

Session 3	Thursday 18th September	10:30 - 12:30	High Tor 3
10:30 - 11:30	Invited talk 3: TBD		
11:30 - 12:20	Panel: What comes after RepLab?		
12:20 - 12:30	Wrap-up		

LifeCLEF

Session 1	Wednesday 17th September	13:30 - 15:30	High Tor 4
13:30 - 14:00	Opening / Keynote <i>Daniel Barthelemy</i>		
14:00 - 14:30	Bird Task <i>Hervé Glotin</i>		
14:30 - 15:00	Plant Task <i>Hervé Goeau / Pierre Bonnet</i>		
15:00 - 15:30	Fish Task <i>Concetto Spampinato</i>		

Session 2	Wednesday 17th September	16:00 - 18:00	High Tor 4
16:00 - 16:20	Bird Task Participant 1 - QMUL <i>Dan Stowell</i>		
16:20 - 16:40	Plant Task Participant 1 - IBM AU <i>Qiang Shen</i>		
16:40 - 17:00	Bird Participant 2 - MNB TSA <i>Mario Lasseck</i>		
17:00 - 17:20	Fish & Plant participant - I3S <i>Katy Blanc</i>		
17:20 - 17:40	Plant & Bird participant - INRIA <i>Alexis Joly</i>		

Session 3	Thursday 18th September	10:30 - 12:30	High Tor 4
10:30 - 10:55	Xeno-canto presentation <i>Sander Pieterse</i>		
10:55 - 11:55	LifeCLEF 2014 participants feedbacks animated by <i>Alexis Joly</i>		
11:55 - 12:30	Towards participatory sensing ecological surveillance introduced and animated by <i>Pierre Bonnet</i>		

NewsReel

Session 1	Thursday 18th September	10:30 - 12:30	High Tor 2
10:30 - 10:45	Introduction to NEWSREEL <i>Benjamin Kille</i>		
10:45 - 11:10	InBeat: Recommender System as a Service <i>Jaroslav Kuchar and Tomas Kliegr</i>		
11:10 - 11:35	Optimizing and Evaluating Stream-based News Recommendation Algorithms <i>Sebastian Werner and Andreas Lommatzsch</i>		
11:35 - 12:00	UNED @ CLEF-NEWSREEL 2014 <i>Angel Castellanos, Ana Garcia-Serrano, and Juan Cigarran</i>		
12:00 - 12:25	An Analysis of Recommender Algorithms for Online News <i>Doychin Doychev, Aonghus Lawlor, and Bachael Rafter</i>		
12:25 - 12:30	Concluding Remarks and Discussion <i>Benjamin Kille</i>		

Annex 4b: Full list of speakers and participants

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