



PROMISE

Participative Research labOratory for
Multimedia and Multilingual Information Systems

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The CLEF 2011 Conference on Multilingual and Multimodal Information Access Evaluation
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Abstract

Deliverable 7.5 consists of two main parts: the organization of the CLEF 2011 conference and labs, and the publication of the proceedings. The conference and the labs were held at Casa 400 Hotel in Amsterdam from 19th to 22th September 2011.

This documentation provides an overview of the CLEF 2011 conference together with a description of the labs which were proposed, details on this year's participation, and a short report on the workshops. In addition also a description of the website developed for the event and its contents is provided.

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Executive Summary

Deliverable 7.5 comprises two main parts: the organization of the CLEF 2011 conference and labs, and the publication of the proceedings.

Evaluation activities have been widely credited with contributing to the advancement of information retrieval by (i) providing access to infrastructure and evaluation resources that support researchers in the development of new approaches, and (ii) encouraging collaboration and interaction between researchers both from academia and industry.

As of 2010, CLEF consists of an annual conference on experimental evaluation and a series of participative benchmarking activities referred to as labs. CLEF 2011 continued to implement this new format, with keynotes, contributed papers and lab sessions. CLEF 2011 featured six benchmarking activities: ImageCLEF, PAN, CLEF-IP, QA4MRE, LogCLEF and new this year, MusiCLEF. In parallel, there was a workshop (CHiC) dedicated to the evaluation of information access technologies in the setting of cultural heritage. In addition to these research activities, the program contains 4 Community Sessions, each focusing on a different aspect of IR research: strategy, networking, infrastructure, and evaluation initiatives. The combination of this diverse set of activities makes for a rich and interesting CLEF 2011 program.

The conference and the labs were held at Casa 400 Hotel from 19th to 22nd September 2011. In this year's event, the conference presentations and the laboratories were interleaved over a three and a half day period.

The outcomes of the Conference and Labs are collected in two different and separated publication forms: conference proceedings are published by Springer in their Lecture Notes for Computer Science (LNCS 6941) series with the title *Multilingual and Multimodal Information Access Evaluation*, while all the experiments carried out by systems during the CLEF 2011 evaluation campaigns are described in the Notebook papers, which are published in digital form only and are available at the CLEF 2011 website (<http://clef2011.org/>). Printed abstracts are collected in the Book of Abstracts. Both Notebook Papers and Book of Abstracts are divided into seven main sections, corresponding to the seven Labs activated this year, they are further subdivided in many sub-sections corresponding to the different tasks planned.

Both online Notebook papers and Book of Abstracts have been assigned an ISBN and ISSN number, and have also been indexed by DBLP.

Post-conference publications in suitable venues, such as journals, are welcome and under the responsibility of lab organizers.

The CLEF 2011 Conference Proceedings, together with the Labs Book of Abstracts have been distributed to attendees at the conference and workshops, and are thus also to be considered as part of this deliverable as additional appendices.

This documentation provides an overview of the CLEF 2011 conference together with a description of the labs that have been offered, details on this year's participation, and a

short report on the workshops. Moreover, we describe the website developed for the event and the contents available on it.

In appendix, we provide:

- the list of the people involved in the organization of CLEF 2011
- the list of the institutions involved in the coordination of CLEF 2011 Labs and Workshop
- the Conference Programme
- the Labs and Workshop Programme
- the list of the people attending the event
- the list of the institutions which submitted results in the CLEF 2011 evaluation campaigns (Labs), showing also in which Lab they took part
- the CLEF 2011 Sponsors.
- The CLEF 2011 website statistics

1 Introduction

The overall goal of PROMISE is to advance the experimental evaluation of complex multimedia and multilingual information systems in order to support individuals, commercial entities, and communities who design, develop, employ, and improve such complex systems.

PROMISE aims at advancing the experimental evaluation of complex multimedia and multilingual information systems through a virtual laboratory for conducting participative research and experimentation. To this end, PROMISE organizes regular experimental evaluation activities for multilingual and multimedia information systems at an international level and on an annual basis; these activities are embedded in CLEF. The goal is to advance the traditional way of conducting evaluation campaigns by relying on large data sets, tackling realistic use cases and evaluation tasks designed for compelling user and industrial needs, advancing and automating the evaluation process to better support the envisioned tasks and use cases, providing a proper evaluation infrastructure, producing information and knowledge resources from the collected experimental data, and involving Europe-wide large researcher and developer communities with multidisciplinary competencies.

Since 2000 the Cross-Language Evaluation Forum (CLEF) has played a leading role in stimulating research and innovation in a wide range of key areas in the domain of information retrieval. It has become a landmark in the annual research calendar of the international Information Retrieval and Search community. Through the years, CLEF has promoted the study and implementation of evaluation methodologies for diverse types of retrieval task and search scenario. As a result, a broad, strong and multidisciplinary research community has been created, which covers and spans the different areas of expertise needed to deal with the evaluation of solutions to challenging information tasks.

Until 2010, the outcomes of the experiments carried out under the CLEF umbrella were presented and discussed at annual workshops in conjunction with the European Conference for Digital Libraries. CLEF 2010 represented a radical departure from this "classic" CLEF format. While preserving CLEF's traditional core business and goals, namely the benchmarking activities carried out in the various tracks, these activities were complemented with a peer-reviewed conference component aimed at advancing research in the evaluation of complex information systems for cross-language tasks and scenarios. In fact, as of 2010, CLEF consists of an annual conference on experimental evaluation and a series of participative benchmarking activities referred to as labs. The CLEF Conference on Multilingual and Multimodal Information Access Evaluation takes place in September of each year, while the evaluation activities of the CLEF Labs run on an annual cycle during the twelve month period preceding the conference and culminate in workshops taking place in conjunction with the conference.

The Labs continue the CLEF tradition of community-based benchmarking and complemente it with workshops on emerging issues in evaluation methodology. In fact, two different forms

of labs were offered: “campaign-style”, or “workshop-style” that could explore issues of information access evaluation and related fields. The Labs are designed to test different aspects of mono- and cross-language information retrieval (IR). The intention is to encourage experimentation with all kinds of multilingual information access – from the development of systems for monolingual retrieval operating on many languages to the implementation of complete multilingual multimedia search services.

CLEF 2011 featured six benchmarking activities: ImageCLEF, PAN, CLEF-IP, QA4MRE, LogCLEF and new this year, MusiCLEF. In parallel, there was a workshop dedicated to the evaluation of information access technologies in the setting of cultural heritage.

BENCHMARKING ACTIVITIES

PAN: Uncovering Plagiarism, Authorship, and Social Software Misuse

A benchmarking activity on uncovering plagiarism, authorship, and social software misuse.

ImageCLEF: Cross Language Image Retrieval Track

A benchmarking activity on the experimental evaluation of image retrieval, focusing on the combination of textual and visual retrieval, including multilingual retrieval and language-independent information access.

QA4MRE: Question Answering for Machine Reading Evaluation

A benchmarking activity on the evaluation of machine reading systems through question answering and reading comprehension tests.

LogCLEF: Logfile Analysis

A benchmarking activity on multilingual log file analysis: language identification, query classification, success of a query.

MusiClef

A benchmarking activity on the evaluation of music search engines that are based both on audio content and on multilingual textual descriptions.

CLEF-IP: Information Retrieval in the Intellectual Property Domain

A benchmarking activity on intellectual property.

WORKSHOP

CHiC 2011 *Cultural Heritage in CLEF: From Use Cases to Evaluation in Practice for Multilingual Information Access to Cultural Heritage*

The CHiC 2011 workshop aims at moving towards a systematic and large-scale evaluation of cultural heritage digital libraries and information access systems and helping to shape a possible roadmap for future activities.

2 CLEF 2011 Conference

The CLEF 2011 Conference on Multilingual and Multimodal Information Access Evaluation – an event organized by PROMISE – took place in Amsterdam, The Netherlands on September 19-22, 2011. An initial call for papers was issued before the end of 2010 inviting submissions on all aspects of multilingual and multimodal information access evaluation and deployment. Relevant topics for the CLEF2011 conference include:

- novel methodologies for the design of evaluation tasks, especially user-centric ones;
- alternative methods for improving and automating ground-truth creation;
- task-oriented and easy to communicate metrics;
- innovative techniques for analysing experimental results, including statistical analyses, data mining, and information visualization;
- infrastructures for bringing automation and collaboration in the evaluation process;
- component-based evaluation approaches;
- analysis of the impact of multilingual/multicultural/multimodal differences on interface and search design;
- multilinguality and multimodality in relevant application communities (e.g., digital libraries, intellectual property, medical, music, and video domains) and social media;
- testing and evaluation of translation and summaries over documents and of linked documents in multilingual information retrieval;
- benefits of multilingual information retrieval methods for different user groups or in different use cases, including those relevant to the developing world;
- economic impact/sustainability of multilingual and multimodal information approaches, evaluation methodologies, and deployed systems.

Submissions were gathered using the Springer OCS system, which allowed organizers to manage the submission and review processes, as well as the collection of camera-ready papers. Overall, 23 papers were submitted (19 full and 4 short), a slight increase with respect to last year. In total, 14 papers (10 full and 4 short) were finally accepted with an overall acceptance rate of 60,87%. The accepted papers and the abstracts of the invited talks were published by Springer in their Lectures Notes for Computer Science (LNCS) series.

This year, the papers accepted for the conference included research on evaluation methods and settings, natural language processing within different domains and languages, multimedia and reflections on CLEF.

Two keynote speakers highlighted important developments in the field of evaluation:

- **Elaine Toms**, from the University of Sheffield, focused on the role of users in evaluation. In her talk titled *“Would you trust your IR system to choose your date?” Re-thinking IR Evaluation in the 21st Centur*, she argued that at present, evaluation has moved from an

emphasis on topical relevance, to an emphasis on measuring almost anything that can be quantified. The central question should be: What exactly are we evaluating and for what purpose? Toms also said that we have focused far too long on the tool and not on what the tool will be used for. For example, if that IR system was choosing one date, a restaurant or a medical treatment, would we use the same evaluation techniques in use today? The talk considered evaluation from a holistic and contextual perspective. It examined some of the pitfalls in existing approaches, and discussed the issues involved in designing more effective evaluation approaches for assessing interactive IR systems.

- **Omar Alonso**, Microsoft Corporation, California, (USA) presented a framework for the use of crowdsourcing experiments in the setting of retrieval evaluation. Generally speaking and in the context of IR, crowdsourcing involves outsourcing tasks to a large group of people instead of assigning such tasks to an employee or editor. The availability of commercial crowdsourcing platforms offers vast access to an on demand workforce. This new approach makes possible to conduct experiments extremely fast, with good results at a low cost. However, like in any experiment, there are several implementation details that would make an experiment work or fail. Tasks have to be designed carefully with special emphasis on the user interface, instructions, content, and quality control. In his talk, Alonso explored some directions that may influence the outcome of a task and presented a framework for conducting crowdsourcing experiments making some emphasis on a number of aspects that should be of importance for all sorts of IR-like tasks.

All accepted papers and invited talks, are published by Springer in their Lecture Notes for Computer Science (6941) series, which are attached to the paper version of this deliverable.

As conference proceedings, the LNCS publication was ready by the conference and was distributed to all the attendees. This innovation, introduced in 2010, is a novelty with respect to the CLEF tradition where CLEF LNCS post-proceedings containing revised version of the papers of the working notes were published almost one year after the workshop.



Figure 1: Front and back cover of the CLEF 2011 LNCS proceedings

The conference Programme is given in Appendix C.

3 CLEF 2011 Community Session

This year, also a "community session" was added, which was organized around a strategic EU meeting, aimed at creating awareness of funding opportunities, a networking session organized by the Chorus Network of Excellence, an Evaluation Initiatives session with overviews from other benchmarking fora, and an infrastructure session dedicated to the DIRECT system that help support cross-language retrieval experiments. Brief information about these sessions are given below:

Intelligent Information Management - FP7 ICT Workprogramme 2011 - 2012, Strategic Objective 4.4. - General information and conditions of Call 8.

Mr Stefano Bertolo
Project Officer
European Commission
Information Society and Media Directorate General
Unit "Technologies for Information Management"

CHORUS+ Session

Information Retrieval from Scientific Multimedia Data

Convergence of multidisciplinary research is more and more considered as the {next big thing} to answer profound challenges of humanity related to health, biodiversity or sustainable energy. The integration of life sciences and computer sciences has a major role to play towards managing and analyzing cross-disciplinary scientific data at a global scale. Whereas scientific data management is definitely considered as a major issue in the database community, it is integrated more slowly in the multimedia community. The goal of this session is therefore to promote information retrieval issues from scientific multimedia data and to encourage exchange between multimedia researchers and scientists from other research fields. 4 speakers specialized in inter-disciplinary research were invited and who covered different topics including earth observation, biodiversity informatics and biomedical informatics.

Infrastructure Session

The Promise Evaluation Infrastructure, where Visual Analytics meets Information Retrieval

The increasing effort for the preparation and the execution of Information Retrieval experimental evaluation campaigns – a key means for supporting and fostering the development of multilingual and multimedia information systems – calls for new technologies and products able to make such activity more effective. The PROMISE NoE, founded under the seventh European Framework Programme, aims at supporting

individuals, commercial entities, and communities, who design, develop, employ, and improve such complex systems, providing for increasing both the volume and the utilization of the managed data, and decreasing the rate of the effort for carrying out evaluations. The overall goal of PROMISE is to deliver a unified environment collecting data, knowledge, tools, methodologies, and the user community. The session described the overall PROMISE infrastructure architecture, pointing out the role that a Visual Analytics component plays in such a context in order to understand and make sense of the huge amount of measures and other experimental data that an automated environment quickly hosts. The session had both oral presentations and live demos, demonstrating the basic ideas behind the PROMISE project: data management, data visualization and analysis, and interaction.

Other Evaluation Initiatives

The goal of the session was to present the current focal points and lessons learned in the other experimental evaluation settings around the world and to promote discussion with respect to what the future objectives in this field should be. The speakers for the Other Evaluation Initiatives session were:

- Ellen Voorhees , Text REtrieval Conference, TREC, NIST, USA
- Hideo Joho (NII Test Collection for IR Systems, NTCIR, NII, Japan
- Jaap Kamps, INitiative for the Evaluation of XML retrieval, INEX, University of Amsterdam, The Netherlands
- Gareth Jones , Benchmarking Initiative for Multimedia Evaluation, MediaEval, Dublin City University, Ireland

4 CLEF 2011 Labs and Workshop

The CLEF Labs are a continuation of tracks from previous CLEF workshops. In 2010, CLEF went from being a workshop collocated with an existing conference to a conference in its own right. The CLEF Labs are an integral part of the conference and two different types of lab were offered:

- benchmarking or “campaign-style”
- workshop-style.

The benchmarking labs on the whole follow the traditional (“campaign-style”) cycle of activities in a large-scale information retrieval evaluation experiment set-up:

- Definition of the task by the lab organisers;
- Preparation and release of data collections and test data by lab organisers;
- Release of queries, topics or other task descriptions by lab organisers;
- Submission of experimental results by participants;
- Relevance assessments and/or results analysis by lab organisers;

- Release of relevance assessments and/or results analysis by lab organisers;
- Submission of working notes on experiments and results analysis by participants;
- Presentation and discussion at the CLEF conference.

Workshop-style labs are offered as a way of exploring possible benchmarking activities and to provide a means to discuss information retrieval evaluation issues from different perspectives.

A call for lab proposals was distributed in October 2010 and a lab selection committee was formed from leading IR researchers:

1. Martin Braschler, Zurich University of Applied Sciences, Switzerland.
2. Gregory Grefenstette, Exalead, France.
3. Jussi Karlgren, Swedish Institute of Computer Science, Sweden.
4. Doug Oard, College of Information Studies, University of Maryland.
5. Mark Sanderson, Royal Melbourne Institute of Technology University, Australia.
6. Ryen White, Microsoft, USA.

Lab proposals were requested to include a detailed description of the topics and goals of the lab, the target audience, potential opportunities for future versions of the lab, as well as details about the planning and organisation of the lab (e.g. suggested tasks, the data collections used in the lab, the background of lab organisers and steering committee members, etc.).

The proposals were submitted by 8th November 2010 and the selection committee had 2 weeks to decide on the labs that would feature at CLEF 2011. Selection committee members reviewed all proposals and submitted both an individual ranking for each proposal as well as their comments on the lab. All reviews were aggregated by the Lab Chairs and a general ranking of labs was produced.

Of the 9 submitted labs, 6 were accepted as benchmarking labs and 1 accepted as a workshop, resulting in an acceptance rate of 7/9 (=77%).

Seven labs were offered in CLEF 2011: 6 benchmarking labs and 1 workshop:

CLEF- IP: IR in the IP domain: CLEF-IP used a collection of ca. 2 million patent documents in English, German, and French, together with patent images. Four tasks were organised: the Prior Art Candidate Search task for finding potential prior art for a document, the Image-based Document Retrieval for finding patent documents or images for a patent document containing images, the Classification task for classifying documents according to the International Patent Classification scheme and the Image-based Classification task for categorising patent images into pre-defined image categories.

Cross-Language Image Retrieval (ImageCLEF): This was the 9th year of running this track in CLEF. Four tasks were offered this year: image retrieval from Wikipedia, medical image retrieval with a data collection from the scientific literature, visual plant species

classification of leaf images and a photo annotation task based on user-generated annotations/tags from Flickr.

LogCLEF: In its 3rd CLEF year, the aim of LogCLEF is to analyse transaction logs and classify queries in order to help with understanding user's search behavior in multilingual contexts. Three tasks were organised: a query language identification task, a query classification task against a set of predetermined categories and the analysis of logs with respect to the 'success' of a query. Three different log files were made available: logs from The European Library; logs from the Sogou Chinese search engine; and logs from Deutsche Bildungsserver.

MusiCLEF: This was a newcomer to CLEF and the first year of running the lab. The goal of this lab is to aid the development of novel methodologies for both content-based and contextual-based (e.g. tags, comments, reviews, etc.) access and retrieval of music. Two tasks were offered in 2011: content- and context-based music retrieval for music categorisation and music identification for the clustering of the same (or similar) works. The test collection consisted of 10,000 songs in MP3 format.

QA4MRE - Question Answering for Machine Reading Evaluation: This was a new task proposed by organisers of the previous Question Answering (QA) track of CLEF. The aim of this lab is to evaluate machine reading ability through question answering and reading comprehension tests. The task involves answering multiple choice questions based on reading a single document and with some inference from previously-acquired background knowledge.

Uncovering Plagiarism, Authorship, and Wikipedia Vandalism (PAN): This is the second year of running PAN at CLEF and three tasks were offered to participants: plagiarism detection, author identification and Wikipedia vandalism detection. The last task seeks to support users of Wikipedia in their search for 'vandalised' pages.

In addition to these benchmarking activities, also the CHiC workshop was held.

CHiC 2011 – Cultural Heritage in CLEF: From Use Cases to Evaluation in Practice for Multilingual Information Access to Cultural Heritage: This workshop aimed at surveying use cases for information access to cultural heritage materials and review evaluation initiatives and approaches in order to identify future opportunities for novel evaluation experiments and measures. Workshop participants were asked to introduce their ideas for possible evaluation scenarios. Invited talks were given, addressing the following topics:

- use cases, evaluation needs, and best practices coming from field experience in the cultural heritage institutions;
- evaluation perspectives, frameworks, and approaches in the digital library and digital curation fields;
- synergies and relationships between large-scale evaluation campaigns and CH evaluation.

Most of the organization of the labs lies in the hands of the individual lab organizers, but the scheduling is determined by lab size and in accordance with the room and time restrictions imposed by the local and lab chairs.

The results of the experiments conducted within CLEF 2011 evaluation campaigns or benchmarks that are run in a yearly circle were presented and discussed at the workshop, 19-22 September, Amsterdam, The Netherlands. The workshop plays an important role by providing the opportunity for all the groups that have participated in the evaluation campaign to get together comparing approaches and exchanging ideas. The Labs workshop were run in parallel sessions distributed over the entire 3 and a half days of the event interweaving their schedules with that of the conference.

In addition, a general **poster** session was arranged at the end of the first day, where participants from all the different Labs had the opportunity to present their works. This resulted in a lively and interactive discussion among participants and the people attending the event.

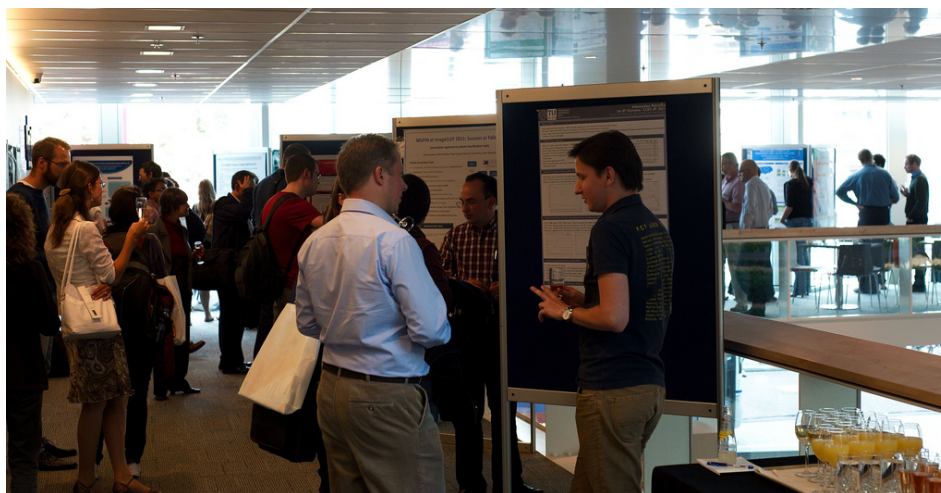


Figure 2: Poster Session in the Lobby at Casa400 Hotel

Each Lab had its own schedule and programme, but they were almost structured in two main parts: presentation of the main results obtained in the task and reports from the participants discussing the approaches and the techniques used by the systems. A couple of Labs had also some important invited talks:

- Walter Daelemans, CLiPS, University of Antwerp, Belgium. In his talk *Text Mining in Biograph*, he described the Biograph project, which is a biomedical knowledge discovery project combining graph data mining with structured biomedical information and with text mining on medline abstracts. It is a cooperation between the molecular genetics, data mining, and computational linguistics research groups of the University of Antwerp. In his talk, he outlined the general architecture of the

system, which is currently applied to the problem of ranking genes according to relevance for diseases (gene prioritization). He also described the text mining component (rule induction combined with rule certainty and confidence measurement using among others modality and negation analysis), and showed results both on text mining benchmarks and gene prioritization benchmarks. The approach is more generally applicable than for gene prioritization only; and he showed how the approach can be interpreted as a general question answering engine.

- Maria Teresa Turell and Malcolm Coulthard. Their presentation titled *Forensic Plagiarism Detection and Authorship Attribution: On the Linguists' Achievements and the Challenges for Computerized Analysis* had three main objectives:
 - 1) define the context of real forensic cases in terms of what is expected from forensic linguists when giving evidence in court, what their object of study is (markers/parameters that make up for an individual's idiolectal style), the nature of the material (scarce, short) with which they deal and the methodology requested (qualitative, corpus linguistics, quantitative analyses);
 - 2) account for the key issues and challenges that are at stake in present-day forensic linguistics, whose aims are
 - a) to count on as many samples as possible from each individual's idiolectal style and
 - b) to reach a base-rate-knowledge for as many variables/parameters as possible in all linguistic levels; and finally,
 - 3) explain the problems that forensic linguists encounter in their work and also explore and suggest how computational linguistics could help to solve them (i.e.: in plagiarism detection, questions related to directionality which should be solved in linguistic terms; in authorship attribution, issues related to the "doesn't occur" (zero) contexts, so far not tagged in available corpora.

The ImageCLEF Lab also organized a very interesting **DEMO** session which was much appreciated. The idea is propose it again next year, maybe together with the poster session

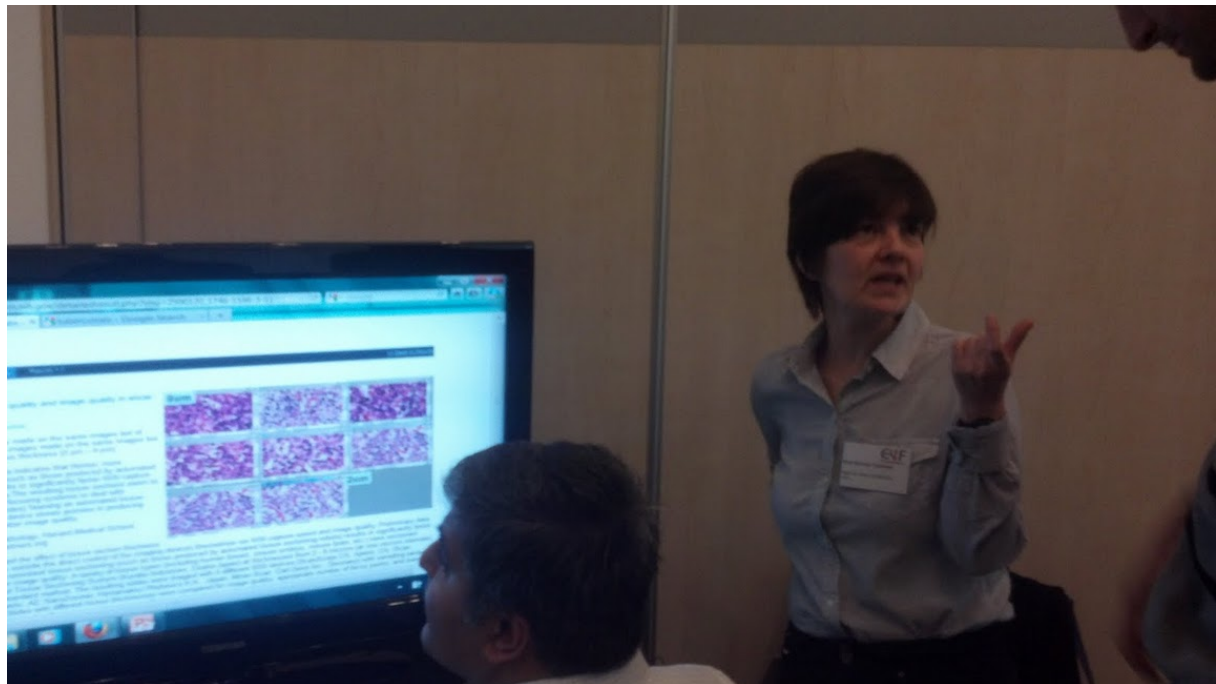


Figure 3: Demo Session during ImageCLEF Lab

Each lab sessions at the workshop contained ample time for general discussion in order to give space to more in-depth exam of the results and engagement by all participants - not just those presenting campaign results and papers. Overall, the workshops provided an ample panorama of the current state-of-the-art and the latest research directions in the multilingual and multimodal information retrieval area.

More information on the CLEF 2011 Labs can be found in the electronic Working Notes papers which are available online at the CLEF website (<http://clef2011.org/>).

Moreover, a book of abstract with ISBN and ISSN numbers were prepared and distributed to all the event attendees, together with USB flash drives containing all the full papers of the Labs.

In the last session of the event, lab organizers were asked to briefly report about the main outcomes of the workshop and express intentions and plans for the future.



Figure 4: Front and back cover of the CLEF 2011 “Book of Abstracts”

The Labs programmes are given in Appendix D.

5 Participation in CLEF 2011

Overall, CLEF 2011 was attended by more than 170 people from different academic and industrial institutions; this is quite encouraging as the participation was increased with respect to last year. The complete list of people attending the event is given in Appendix E. As Figure 5 shows, massive participation is still from Europe, while the other continents remained more or less stable with respect to last years. Although most of the people are still coming from Europe, an increasing interest in CLEF all around the world can be registered, above all from the United States. Important to notice is that, this year, also some participants from Africa were present.

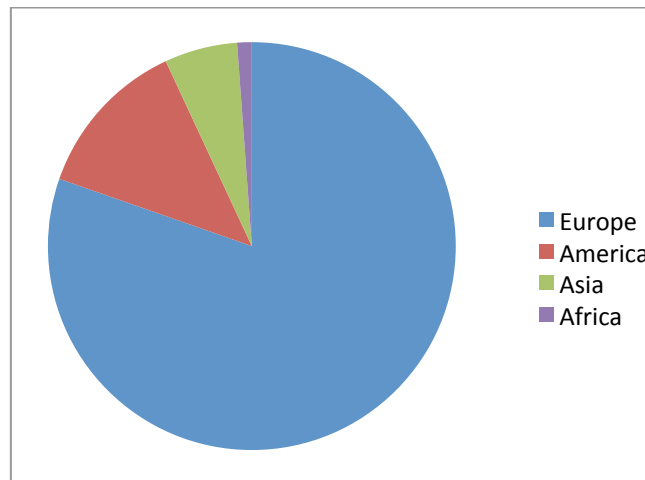


Figure 5: Participation according to the continents

As regards the geographical distribution of the participants according to the country, they are distributed as follows: 20 from Spain, 18 from Germany, 16 from The Netherlands and quite surprisingly 15 from the United States.

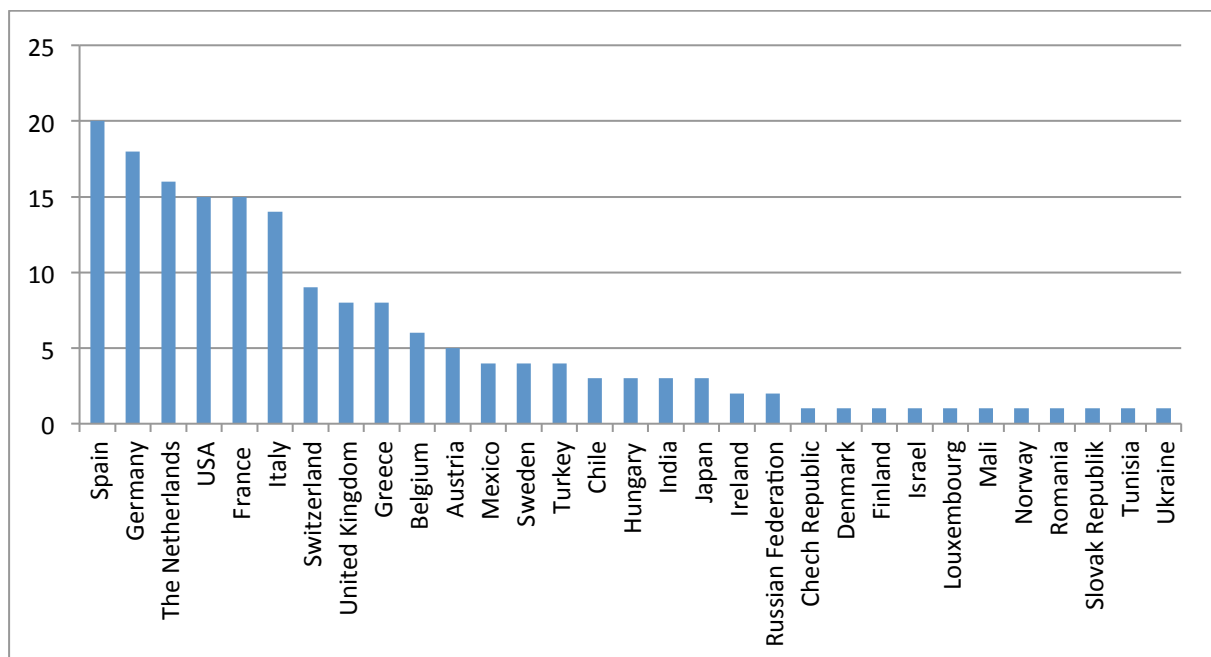


Figure 6: Participation according to the countries

As for the Labs, about 190 groups initially registered showing interest in the benchmarking activities proposed this year at CLEF 2011. This proves, again that CLEF has achieved a

high visibility and shows that the labs are still drawing a large participation from the scientific communities in the fields of information retrieval, natural language processing and multimedia analysis. Multilingual information access is a truly multidisciplinary domain and one of the main objectives of CLEF is to create a forum where groups working in many different areas have a chance to gather together, see what others are doing, and discuss exchanging ideas and comparing results.

The registrations to the Labs were gathered via the CELCT infrastructure and a form was made available on the CLEF 2011 website. Registration opened on March 1 and was closed on May 20. All registrations were posted on a webpage whose link was made available only to Labs Organizers. In this way, each organizer could have access at any time to the updated status of registrations in real time. Registrations to the labs were distributed as it is shown in Table 1.

CLEF 2010 LABS	REGISTERED GROUPS	SUBMITTING RUNS	SUBMITTING WN PAPERS
ImageCLEF	88	48	40
PAN	52	27	22
CLEF-IP	30	12	12
MLQA	22	13	12
WePS	33	13	10
TOTAL	225	113	96

CLEF 2011 LABS	REGISTERED GROUPS	SUBMITTING RUNS	SUBMITTING WN PAPERS
ImageCLEF	73	44	44
PAN	45	23	22
CLEF-IP	25	8	8
QA4MRE	25	12	9
LogCLEF	17	4	4
MusiCLEF	4	3	2
TOTAL	189	94	89

Table 1: Registrations, runs and WN papers in CLEF 2010 and 2011

One participant may have registered to more than one Lab. As usual, ImageCLEF is the most popular Lab able to attract many participants not only from Europe but also from the United States and a few from other continents. MusiCLEF, the new lab at CLEF, which was scheduled as a benchmarking activity was actually converted into a workshop.

This year, about 100 groups, both researchers and system developers, submitted runs to the different Labs, despite the number of registered participants to the benchmarking activities was much higher than that, as Table 1 shows. In comparison to last year, the number of participants taking part to the labs was a little bit lower, but only a slight decrease can be registered. A list of groups and indications of the Labs in which they participated is given in the Appendix F to this document.

6 CLEF 2011 Web Site and Mobile Version

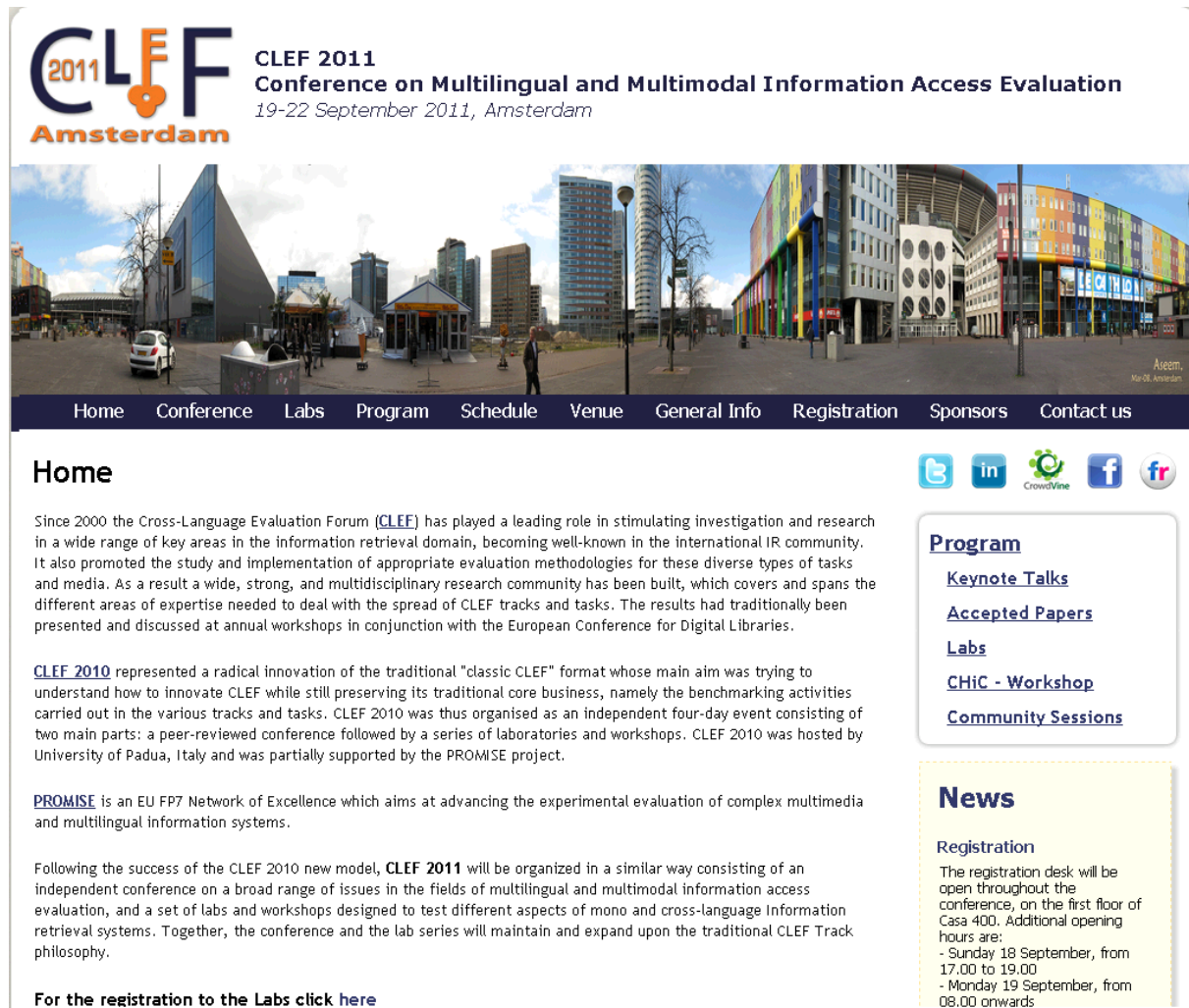


Figure 7: Home page of the CLEF 2011 Web site.

Currently, there are three websites associated with CLEF: (i) the CLEF campaign website¹ which maintains information on the evaluation activities that have been conducted over the first ten years of CLEF from 2000 to 2009, and (ii) the CLEF 2010² and (iii) the CLEF 2011³ websites that provide all the necessary information about CLEF 2010 and 2011, respectively, including information about the CLEF Conference and the CLEF Labs, as well as electronic versions of the Labs Notebook papers. The CLEF websites are used to not only support and

¹ <http://www.clef-campaign.org/>

² <http://www.clef2010.org>

³ <http://www.clef2011.org>

promote the visibility of the evaluation activities of the CLEF campaigns, but to also archive their outcomes, and thus act as a vehicle for the dissemination of information and knowledge on multilingual and multimedia information systems.

The Web site also contains the electronic version of all the papers submitted to the labs accessible under the “Labs → Notebook papers” menu.

Moreover, also the slides of the presentations given during the conference are accessible and available for download on the CLEF 2011 Web site.

The publications, both of the conference and of the Labs are indexed by DBPL and linked to the bibliographic social networks BibSonomy.

The photos taken during the event have been posted to Flickr and tagged, at least, with the “CLEF 2011” and “PROMISE” tags. This photo album has been linked also from the CLEF 2011 Web site⁴.

This year, when you register for the conference, an account was created in a social network portal dedicated to CLEF 2011. This allowed participants to communicate with each other in an easy way before the conference starts.

⁴ This activity is still ongoing at the time of the writing of the present deliverable.



CLEF 2011 Amsterdam

Home Attendees

attendees | discussions create an account | login search members... search

Welcome to the social networking site for CLEF 2011. Use this network to find and connect with people at the conference.

Activity discussions | blogs

Wouter Weerkamp posted CLEF 2011 pictures
You might have spotted Ork (<http://ork.be/>) running around and taking pictures at CLEF. You can find the pictures on Flickr and Facebook:
<http://www.flickr.com/groups/clef2011/> <http://www.facebook.com/media/set/?set=oa.249621981748535&type=1>
Tue, Sep 20 at 3:01PM (0 comments)

Edgar Meij posted Weather forecast
Amsterdam is notorious for its frequent weather changes and for the remainder of CLEF, there's quite a big chance of some showers. If you want to stay informed as to the weather, you can check <http://buenradar.nl/> to see where the rain is falling and when it'll come our way.
Mon, Sep 19 at 12:49PM (0 comments)

Wouter Weerkamp posted What to do in Amsterdam?
Feel like going to a (pop/rock) concert in Amsterdam during CLEF? Paradiso, located in an old church, is the most famous music venue in the Netherlands and offers plenty of concerts. Visit <http://www.paradiso.nl/web/English-Agenda.htm> for their agenda. Make sure to buy tickets in advance if you really feel like going. Do you have any other tips on what to do in Amsterdam before or during CLEF? Don't hesitate to post it here.

Bouke Huurnink: Dinner close to the conference hotel? - Across the road from the Casa 400, very close to the Amstel station, there is Brasserie Dauphine, which has decent food and can fit large groups! <http://www.caferestaurentdauphine.nl/en/> - For a meal with a view... [read more]

Liesbeth: Another restaurant which is very close to the conference hotel: Quaffas. Instead of the standard 'precourse - maincourse - desert' you have the choice of several small dishes you can combine the way you like it. So kind of tapas but the portions are ... [read more]

Liesbeth: Caffe Milo is a cafe-restaurant annex cocktail bar with DJs and live music. The all-round concept responds to a growing need of a booming neighbourhood. The monumental building has a big veranda, a frontage with colonial elements and large windows. ... [read more]

Sun, Sep 18 at 6:53PM (3 comments)

Richard Berendsen left a note
Amstel station has nice surroundings, eg. Park Frankendael, <http://bit.ly/qcjbOf> is good for spotting birds on Thursday afternoon :-)
Thu, Sep 15 at 10:07AM

Richard Berendsen left a note
Today it's one year ago that I joined ILPSI

Browse Attendees search

everyone | by title | by organization
by location | in your address book

recently joined

Edgar Meij added contact
Binger Larsen updated profile
Koen van de Sande updated profile
Adrian Ifrene updated profile
Bouke Huurnink added contact
Kim Luyckx added contact

Popular Profile Answers

Interests

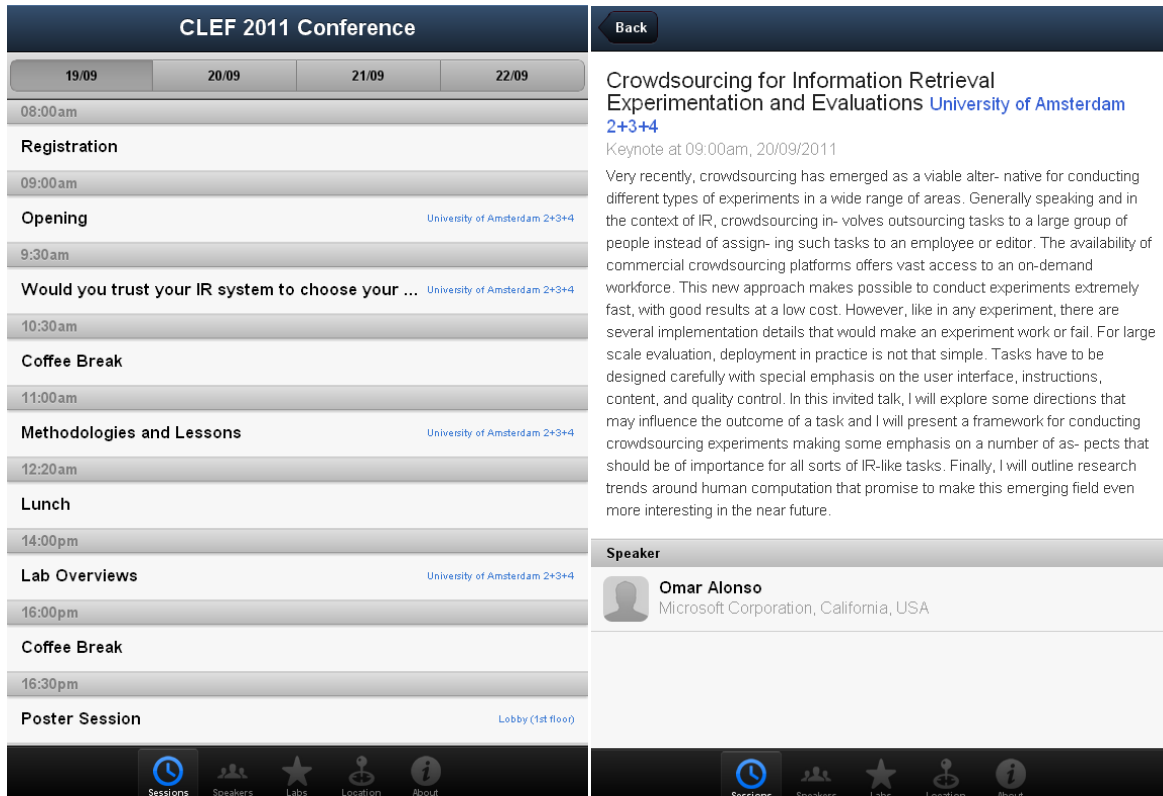
Authership Identification (1)
Earth observation imagery (1)
KBIR (1) | Plagiarism Detection (1)
Stylometry (1)
User engagement (1)
attention (1)
authership attribution (1)
corpus linguistics (1) | emotion (1)
evaluation (1)
language variation (1)
semantics (1) | web analytics (1)
all responses...

What topics are on your radar

Augmented Reality (1)
Authership Identification (1)
Image Processing (1)
Pattern Recognition (1)
Query log analysis (1)
Semantic Similarity (1)
User engagement (1)
dependency treebanks (1)
digital humanities (1)
feature selection (1)

Figure 8: Home page of the Crowdwine social network

This year also a Mobile version of the CLEF 2011 was provided by CELCT containing all useful information for the vent like for example the programme, the people giving a presentation, the Labs the sponsor and the map.



The image shows a mobile-optimized version of the CLEF 2011 website. It features a dark blue header with the 'CLEF 2011 Conference' title and a 'Back' button. Below the header is a navigation bar with dates 19/09, 20/09, 21/09, and 22/09. The main content area is divided into two columns. The left column lists the conference schedule from 08:00am to 16:30pm, including events like Registration, Opening, Coffee Break, Lunch, Lab Overviews, and Poster Session. The right column displays a keynote presentation titled 'Crowdsourcing for Information Retrieval Experimentation and Evaluations' by the University of Amsterdam, with a '2+3+4' rating. Below the presentation is a 'Speaker' section for Omar Alonso from Microsoft Corporation. At the bottom, there is a navigation bar with icons for Sessions, Speakers, Labs, Location, and About.

Figure 9: Mobile Version of the CLEF 2011 Web site.

The high visibility of the CLEF 2010 and 2011 websites is evident in the number of visits they attract. The CLEF 2010 website had 14,498 visits and 6,861 visitors in 2010, coming especially from Italy, whereas it still has a good number of visitors in 2011, and quite surprisingly, they mostly come from the United States.

The CLEF 2011 website is also having a considerable number of visits: from January to September 2011, 14,054 visits and 6,294 visitors were registered coming mostly from Europe, but this year, a big increase can be seen also in the visitors from US. More details can be found in Appendix H.

6.1 Advertising

The CLEF 2010 Conference and Labs (call for labs, call for papers, call for participation) have been announced and advertised on several mailing lists:

- Evaluation Inivitatives
 - CLEF (Cross-Language Evaluation Forum community, Europe)
 - TREC (Text Retrieval Conference, USA)
 - TRECvid (TREC Video Retrieval Evaluation, USA)
 - NTCIR (NII Test Collection for IR Systems, Japan)

- FIRE (Forum for Information Retrieval Evaluation, India)
- Research field news letters
 - SIG-IRList (ACM Special Interest Group on Information Retrieval (SIGIR) moderate newsletter)
 - DBWorld (ACM Special Interest Group on Management of Data (SIGMOD) moderated newsletter)
 - BCS-IRSG list (Information Retrieval Special Interest Group of the BCS, The Chartered Institute for IT, UK)
 - ASIS-L (American Society for Information Science, General List)
 - SIGDL-L (American Society for Information Science, Digital Libraries Interest Group)
 - DBItaly (Italian information management systems – databases, information retrieval systems, digital libraries, ... - moderated newsletter)
- European Projects
 - Europeana (<http://www.europeana.eu/>)
 - DL.org (<http://www.dlorg.eu/>)
 - DELOS (<http://www.delos.info/>)

7 CLEF 2012 and Beyond

CLEF 2012 will follow a similar format as CLEF 2010 and 2011, namely conference plus labs and workshops, and will be organized by University of Roma la Sapienza, Italy, in September 2012. A call for labs proposals will be issued at the beginning of October 2011 and an initial call for papers will be issues by the end of the year.

For CLEF 2013 and onwards, the plan is to open a bid so that interested institutions and organizations will be able to apply and compete to organize and host the event.

8 Acknowledgements

We would like to warmly thank all the people who worked hard to make CLEF 2011 possible. We should also like to thank the members of the CLEF Steering Committee who have assisted us with their advice and suggestions.

References

- [Forner et al. 2011] P. Forner, J. Gonzalo, J. Kekäläinen, M. Lalmas, and M. de Rijke (Eds.). *Multilingual and Multimodal Information Access Evaluation*. Proceedings of the Second International Conference of the Cross-Language Evaluation Forum, CLEF 2011, Amsterdam, The Netherlands, September 2011, Lecture Notes in Computer Science (LNCS 6941) Springer 2011

[Petras et al. 2011]

V. Petras, P. Forner, and P. Clough (Eds.) *CLEF 2011 Labs and Workshop, Notebook Papers*, 19-22 September, Amsterdam, The Netherlands. Online proceedings. September 2011
(<http://clef2011.org/index.php?page=pages/proceedings.php>)
ISBN 978-88-904810-1-7.

Appendix A: CLEF 2011 Organization

CLEF 2011 was organized by the Intelligent Systems Lab Amsterdam (ISLA) of the University of Amsterdam.

General Chairs

Julio Gonzalo, National University of Distance Education, Spain
Maarten de Rijke, University of Amsterdam, The Netherlands

Program Chairs

Jaana Kekäläinen, University of Tampere, Finland
Mounia Lalmas, Yahoo! Research Barcelona, Spain

Labs Chairs

Paul Clough, University of Sheffield, United Kingdom
Vivien Petras, Humboldt University of Berlin, Germany

Lab Selection Committee

Martin Braschler, Zurich University of Applied Sciences, Switzerland
Gregory Grefenstette, Exalead, France
Jussi Karlgren, Swedish Institute of Computer Science, Sweden
Doug Oard, College of Information Studies, University of Maryland, USA
Mark Sanderson, Royal Melbourne Institute of Technology University, Australia
Ryen White, Microsoft, USA

Resource and Publicity Chair

Khalid Choukri, Evaluations and Language resources Distribution Agency (ELDA), France

Organization Chair

Emanuele Pianta, Center for the Evaluation of Language and Communication Technologies (CELCT), Italy

Organizing Committee

Intelligent Systems Lab Amsterdam (ISLA), University of Amsterdam, The Netherlands:

Richard Berendsen
Bouke Huurnink
Edgar Meij
Maarten de Rijke
Wouter Weerkamp

Center for the Evaluation of Language and Communication Technologies (CELCT), Italy:

Pamela Forner
Giovanni Moretti

Appendix B: CLEF 2011 Labs and Workshop Coordination

It would be impossible to run the CLEF evaluation initiative and organize the annual workshops without considerable assistance from many groups. CLEF is organized on a distributed basis, with different research groups being responsible for the running of the various Labs. A list of the main institutions responsible for the coordination of the different CLEF 2011 Labs is given here below:

- Berlin School of Library and Information Science, Humboldt University Berlin, Germany
- Business Information Systems, University of Applied Sciences Western Switzerland, Switzerland
- CEA LIST, France
- Center for the Evaluation of Language and Communication Technologies (CELCT), Italy
- Centre for Next Generation Localisation, Dublin City University, Ireland
- Department of Computer Science, Bar-Ilan University, Israel
- Department of Computer Science, Illinois Institute of Technology, Chicago, USA
- Department of Information and Communication Systems Engineering, University of the Aegean, Greece
- Department of Information Science, Universität Hildesheim, Germany
- Department of Mathematics and Computer Science, Duquesne University, Pennsylvania, USA
- Fraunhofer Institute for Digital Media Technology IDMT, Germany
- Information Retrieval Facility, Vienna, Austria
- Information Sciences Institute of the University of Southern California, USA
- INRIA, France
- max-recall GmbH, Vienna, Austria
- NLE Lab., Universidad Politécnica de Valencia, Spain
- NLP & IR Group, UNED, Spain
- Oregon Health and Science University (OHSU), Portland, OR, USA
- Department of Library and Information Sciences, University of North Texas, USA
- Technische Universität Wien, Austria
- University of Alicante, Spain
- University of Geneva, Switzerland

- University of Limerick, Ireland
- University of Padua, Italy
- University of Sheffield, UK
- Webis Group, Bauhaus-Universität Weimar, Germany

Appendix C: CLEF 2011 Conference Programme at a Glance

Monday September 19, 2011

	U. of Amsterdam 2	U. of Amsterdam 3	U. of Amsterdam 4
09.00-09.30	Opening		
09.30-10.30	Keynote Elaine Toms		
10.30-11.00	Coffee break		
11.00-12.20	Conference Session: Methodologies and Lessons		
12.20-14.00	Lunch		
14.00-16.00	Lab Overviews		
16.00-16.30	Coffee break		
16.30-18.00	Poster Session (lobby)		
16.30-19.30	Reception (lobby)		

Tuesday September 20, 2011

	U. of Amsterdam 2	U. of Amsterdam 3	U. of Amsterdam 4	Sorbonne
09.00-10.00	Keynote Omar Alonso			
10.00-10.30	Coffee break			
10.30-12.30	ImageCLEF	CLEF-IP	QA4MRE	CHiC
12.30-14.00	Lunch			
14.00-16.00	ImageCLEF	CLEF-IP	QA4MRE	CHiC
16.00-16.30	Coffee break			
16.30-17.50	Conference Session: Language and Processing			
18.00-22.30	Dinner (by boat)			

Wednesday September 21, 2011

	U. of Amsterdam 2	U. of Amsterdam 3	U. of Amsterdam 4	Sorbonne
08.30-10.00	Strategy	Infrastructure	Evaluation Initiatives	Networking
10.00-10.30	Coffee break			
10.30-12.30	ImageCLEF	PAN	QA4MRE	
12.30-14.00	Lunch			
14.00-16.00	ImageCLEF	PAN	LogCLEF	
16.00-16.30	Coffee break			
16.30-17.50	Conference Session: Visual and Context			

Thursday September 22, 2011

	U. of Amsterdam 2	U. of Amsterdam 3	U. of Amsterdam 4
09.00-11.00	MusicCLEF	PAN	LogCLEF
11.00-11.30	Coffee break		
11.30-13.15	Reports Out		
13.15-13.30	Closing		

Methodologies and Lessons

Building a Cross-Language Entity Linking Collection in Twenty-One Languages, James Mayfield, Dawn Lawrie, Paul McNamee, and Douglas Oard

Search Snippet Evaluation at Yandex: Lessons Learned and Future Directions, Denis Savenkov, Pavel Braslavski, and Mikhail Lebedev

Towards a Living Lab for Information Retrieval Research and Development. A Proposal for a Living Lab for Product Search Tasks, Leif Azzopardi and Krisztian Balog

A Comparison of Evaluation Metrics for Document Filtering, Enrique Amigó, Julio Gonzalo, and Felisa Verdejo

Language and Processing

Filter Keywords and Majority Class Strategies for Company Name Disambiguation in Twitter, Damiano Spina, Enrique Amigó, and Julio Gonzalo

Automatic Annotation of Bibliographical References for Descriptive Language Materials, Harald Hammarström

A Language-Independent Approach to Identify the Named Entities in under-resourced languages and Clustering Multilingual Documents, Kiran Kumar Nangunuri, Santosh GSK, and Vasudeva Varma

Multilingual Question-Answering System in Biomedical Domain on the Web: an evaluation (Short Paper), Maria-Dolores Olvera-Lobo and Juncal Gutiérrez-Artacho

Simulation of Within-Session Query Variations using a Text Segmentation Approach (Short Paper), Debasis Ganguly, Johannes Leveling, and Gareth Jones

Visual and Context

Assessing the Scholarly Impact of ImageCLEF, Theodora Tsikrika, Alba García Seco de Herrera, and Henning Müller

The Importance of Visual Context Clues in Multimedia Translation, Christopher Harris and Tao Xu

To Re-Rank or To Re-Query: Can Visual Analytics Solve This Dilemma? Emanuele Di Buccio, Marco Dussin, Nicola Ferro, Ivano Masiero, Giuseppe Santucci, and Giuseppe Tino

Evaluation Methods for Rankings of Facetvalues for Faceted Search (Short Paper), Anne Schuth and Maarten Marx

Improving Query Expansion for Image Retrieval via Saliency and Picturability (Short Paper), Chee Wee Leong, Samer Hassan, Ruiz Miguel, and Rada Mihalcea

Appendix D: CLEF 2011 Labs and Workshop Programme

ImageCLEF Lab, Tuesday September 20 and Wednesday September 21

10.30-12.30: ImageCLEF session: Overview presentations

chair: Henning Müller (University of Applied Sciences Western Switzerland, Switzerland)

10:30 "Medical retrieval overview", Steven Bedrick (Oregon Health & Science University, USA)

11:00 "Wikipedia image retrieval overview", Jana Kludas (University of Geneva, Switzerland)

11:30 "Photo annotation overview", Stefanie Nowak (Fraunhofer, Germany)

12:00 "Plant identification overview", Alexis Joly (INRIA, France)

12.30-14.00: Lunch

14.00-16.00: Participants' Presentations

chair: Stefanie Nowak (Fraunhofer, Germany)

14:00-14:15 "DEMIR at ImageCLEFMed 2011: Evaluation of Fusion Techniques for Multimodal Content-based Medical Image Retrieval", Adil Alpkocak (Dokuz Eylul University, Turkey)

14:15-14:30 "LABERINTO at ImageCLEF 2011 Medical Image Retrieval Task", Mariano Crespo (Universidad de Huelva, Spain)

14:30-14:45 "UNED-UV experiments using Multimodal information approaches" (Wikipedia Image Retrieval), Ana Garcia-Serrano (UNED, Spain)

14:45-15:00 "UNT at ImageCLEF 2011: Relevance Models and Salient Semantic Analysis for Image Retrieval", Miguel Ruiz (University of North Texas, USA)

15:00-15:15 "The TUBFI submission to the ImageCLEF2011 Photo Annotation Task", Alexander Binder (Berlin Institute of Technology & Fraunhofer, Germany)

15:15-15:30 "SZTAKI@ImageCLEF2011 Photo Annotation Task", Bálint Daróczy (BPACAD/SZTAKI, Hungary)

15:30-15:45 "Guiding Active Contours for Tree Leaf Segmentation and Identification", Guillaume Cerutti/Laure Tougne (Université de Lyon, France)

15:45-16:00 "Participation of INRIA & Pl@ntNet to ImageCLEF 2011 plant images classification task", Hervé Goeau (INRIA, France)

Wednesday September 21

10.30-12.30: ImageCLEF session: Demos + participants' presentations

chair: Miguel Ruiz (University of North Texas, USA)

10:30-10:45 "Multi-disciplinary modality classification for medical images", Victor Gal (University of Ghent, Belgium)

10:45-11:00 "XRCE and CEA LIST's participation at ImageCLEF Wikipedia Retrieval 2011", Adrian Popescu (CEA-LIST, France)

11:00-11:15 "The University of Amsterdam's Concept Detection System at ImageCLEF 2011" (Photo Annotation - Retrieval Task), Koen van de Sande (University of Amsterdam, The Netherlands)

11:15-11:30 "MLKD's Participation at the CLEF 2011 Photo Annotation and Concept-Based Retrieval Tasks", Eleftherios Spyromitros-Xioufis (Aristotle University of Thessaloniki, Greece)

11:30-12:30 Demo session

- "CEB/NLM Medical Image Retrieval" demo, Dina Demner-Fushman (National Library of Medicine, USA)
- "DEMIR Medical Image Retrieval" demo, Tolga Berber, (Dokuz Eylul University, Turkey)
- "medGIFT Medical Image Retrieval" demo, Henning Müller (HES SO, Switzerland)
- "MUFIN Annotation Tool and Image Retrieval" demo, Petra Budikova (Masaryk University, Brno, Czech Republic)
- "RISE: Relevant Image Search Engine" demo, Roberto Paredes, Mauricio Villegas, and Luis Leiva (Universidad Politecnica de Valencia, Spain)

12.30-14.00: Lunch

14.00-16.00 Looking ahead: ImageCLEF 2012

chair: Jana Kludas (University of Geneva, Switzerland)

14:00-14:20 "New ideas for photo annotation", Bart Thomee (Yahoo! Barcelona, Spain)

14:20-14:40 "Image Annotation in the Wild", Roberto Paredes (Universidad Politécnica de Valencia, Spain)

14:40-15:00 "RobotVision@ImageCLEF2012: Towards 3D Spatial Representations", Barbara Caputo (IDIAP, Switzerland), presented by Henning Müller

15:00-16:00 Discussion

=====

CLEF-IP Lab, Workshop Program, Tuesday Sep 20, 2011

10.30-10.50 Report on the CLEF-IP 2011 Experiments: Exploring Patent Summarization, P. Mahdabi, L. Andersson, A. Hanbury and F. Crestani

10.50-11.10 Combining document representations for prior-art retrieval, E. D'Hondt, S. Verberne, W. Alink and R. Cornacchia

11.10-11.30 Exploring Keyphrase Extraction and IPC Classification Vectors for Prior Art Search, M. Verma and V. Varma

11.30-11.50 Does Patent IR profit from Linguistics or Maximum Query Length?, D. Becks, J. Jürgens, C. Womser-Hacker, M. Eibl, J. Kürsten and T. Wilhelm

11.50-12.30 Discussion: Prior Art Candidates Search, Present and Future

12:30— 14:00 Lunch

14.00-14.20 Patent classification experiments with theLinguistic Classification System LCS in CLEF-IP 2011, S. Verberne and E. D'Hondt

14.20-14.40 CLEF-IP 2011 Working Note: Utilizing Prior Art Candidate Search Results for Refined IPC Classification, H.-K. Seo, K. Han and J. Lee

14.40-15.00 Classifying patent Images, R. Morzinger, A. Horti, G. Thallinger, N. Bhatti and A. Hanbury

15.00-15.20 XRCE's Participation at Patent ImageClassification and Image-based PatentRetrieval Tasks of the Clef-IP 2011, G. Csurka, J.-M.Renders and G. Jacquet

15.20-16.00 Discussion: Classification and Image tasks at CLEF-IP, Present and Future
=====

PAN LAB, Workshop Program, Wednesday, September 21

10.30-10.55 Multilingual Vandalism Detection using Language-Independent & Ex Post Facto Evidence, A. West and I. Lee

10.55-11.10 Overview of the International Authorship Identification Competition at PAN-2011, S. Argamon and P. Juola

11.10-11.35 A Multitude of Linguistically-rich Features for Authorship Attribution, L. Tanguy, A. Urieli, B. Calderone, N. Hathout, and F. Sajous

11.35-12.00 Author Identification Using Semi-supervised Learning, I. Kourtis and E. Stamatatos

12.00-12.15 Authorship Identification with Modality Specific Meta Features, T. Solorio, S. Pillay and M. Montes-Y-Gómez

12.15-12.30 Authorship Identification in Large Email Collections: Experiments Using Features that Belong to Different Linguistic Levels, G.K. Mikros and K. Perifanos

12.30-14.00 Lunch

14.00-14.15 Improved Implementation for Finding Text Similarities in Large Collections of Data, J. Grman and R. Ravas

14.15-14.30 Authorship Attribution of E-mail as a Multi-Class Task, K. Luyckx

14.30-15.10 Forensic Plagiarism Detection and Authorship Attribution: On the Linguists' Achievements and the Challenges for Computerized Analysis, M.T. Turell and M. Coulthard

15.10-16.00 Panel discussion

Thursday, September 22

09.00-09.25 Vote/Veto Meta-Classifer for Authorship Identification, R. Kern, C. Seifert, M. Zechner, and M. Granitzer

09.25-09.40 Overview of the 3rd International Competition on Plagiarism Detection, M. Potthast, A. Eiselt, A. Barrón-Cedeño, B. Stein, and P. Rosso

09.40-10.05 Approaches for Intrinsic and External Plagiarism Detection, G. Oberreuter, G. L'Huillier, S. Ríos, and J. Velásque

10.05-10.30 Intrinsic Plagiarism Detection Using Character Trigram Distance Scores, M. Kestemont, K. Luyckx and W. Daelemans

10.30-10.45 The Encoplot Similarity Measure for Automatic Detection of Plagiarism, C. Grozea and M. Popescu

10.45-11.00 External Plagiarism Detection using Information Retrieval and Sequence Alignment, R.M. Adeel Nawab, M. Stevenson and P. Clough

=====

QA4MRE Lab, Workshop Program, Tuesday September 20

10.30-10.40 Welcome, Pamela Forner, CELCT, Italy

10.40-11.10 Methodology and Results of QA4MRE 2011, A. Rodrigo, UNED, Madrid

11.10-11.30 Processing Modality and Negation, R. Morante, University of Antwerp, Belgium

11.30-12.30 Text Mining in Biograph, W. Daelemans, University of Antwerp, Belgium

12.30-14.00 Lunch

- A Hybrid Question Answering System based on Information Retrieval and Answer Validation, P. Pakray

- Dependency-Based Answer Validation for German, J. Pawellek and A. Henn

- The Loganswer Project at QA4MRE 2011, I. Glöckner

- Question Answering for Machine Reading Evaluation on Romanian and English Languages, A. Iftene

Discussion

Wednesday September 21

10.30-12.30 Breakout session

=====

LogCLEF Lab, Workshop Program, Wednesday, September 21

14.00-14.30 DAEDALUS at LogCLEF 2011: Analyzing Query Success and User Context, S. Lana-Serrano, J. Villena-Román, and J.C. González-Cristóbal

14.30-15.00 Interface Language, User Language and Success Rates in The European Library, M. Gäde, J. Stiller, V. Petras, and R. Berendsen

15.00-15.30 Adapting Statistical Language Identification Methods for Short Queries, A.-L. Gînsco, E. Boro, A. Iftene

15.30-16.00 University of Essex at LogCLEF 2011: Studying Query Refinement, M.-D. Albakour and U. Kruschwitz

16.00-16.30 Coffee break

Thursday, September 22

09.00-11.00 Breakout session

=====

MusiCLEF Lab, Workshop Program, Thursday September 22

- 09.00-09.05 Introduction to MusiCLEF
- 09.05-09.25 Professional partners, D. Rizo
- 09.25-09.55 MIR community approaches related to our tasks, N. Orio
- 09.55-10.05 Involvement of the CLEF community, N. Orio
- 10.05-10.35 Organization in the first year, D. Rizo, N. Montecchio, A. Iftene, A. Rusu, and A. Leahu
- 10.35-10.45 What we expect for next year, D. Rizo
- 10.45-11.15 Open discussion with participants, D. Rizo

=====

CHiC Workshop Program, Tuesday September, 20

- 10.30-10.45 Introduction
- 10.45-11.20 User-centric approaches to annotating and presenting the audiovisual memory of the Netherlands, J. Oomen
- 11.20-11.55 Evaluation of Cultural Heritage Digital Collections: The DiLEO Perspective, C. Papatheodorou
- 11.55-12.30 Searching Digital Heritage: Putting IR Evaluation in Context, J. Kamps
- 12.30-14.00 Lunch
- 14.00-14.20 Overview: Interaction Patterns and Evaluation. Efforts in the Cultural Heritage Domain
- 14.20-15.00 Participants Statements
- 15.00-16.00 Interactive Discussion: Roadmap for Alternative Evaluation & Proposal of a First Evaluation Task in the Cultural Heritage Domain
- 16.00-16.30 Coffee break

Appendix E: List of people attending the Event

FIRSTNAME	FAMILYNAME	COMPANY	COUNTRY
M-Dyaa	Abakour	University of Essex	United Kingdom
karam	Abdulahhad	LIG / UJF	France
frederic	Agnes	compilatio	France
Mitra	Akasereh	University of Neuchâtel	Switzerland
F. Gediz	Aksit	Maastricht University	Belgium
Adil	Alpkocak	Dokuz Eylul University	Turkey
Enrique	Amigó	UNED	Spain
Sameer	Antani	National Library of Medicine	United States of America
Erchan	Aptoula	Okan University	Turkey
Krisztian	Balog	Norwegian University of Science and Technology	Norway
Alberto	Barrón-Cedeño	Universidad Politécnica de Valencia	Spain
Daniela	Becks	University of Hildesheim	Germany
Steven	Bedrick	Oregon Health & Science University	United States of America
Richard	Berendsen	University of Amsterdam	Nederland
Thomas	Boettcher	BTU Cottbus	Germany
Martin	Braschler	Zurich University of Applied Sciences	Switzerland
Pavel	Braslavski	Yandex	Russian Federation
Petra	Budikova	Masaryk University	Czech Republic
Basilio	Calderone	CLLE-ERSS (UMR 5263) CNRS & Université de Toulouse-Le Mirail	France
Angel	Castellanos	UNED	Spain
Esteban	Castillo Juarez	Benemérita Universidad Autónoma de Puebla	Mexico
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eva	D'hondt	Radboud university Nijmegen	Nederland
Bálint Zoltán	Daróczy	MTA SZTAKI, Hungarian Academy of Sciences	Hungary
	De Paepe	European Patent Office	Nederland

Maarten	De Rijke	University of Amsterdam	Nederland
Dina	Demner Fushman	National Library of Medicine	United States of America
Emanuele	Di Buccio	University of Padua	Italy
Giorgio Maria	Di Nunzio	University of Padua	Italy
Duy	Dinh	IRIT laboratory	France
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Gunnar	Eriksson	SICS	Sweden
Nicola	Ferro	University of Padua	Italy
PAMELA	Forner	CELCT	Italy
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Jan	Grman	SVOP Ltd.	Slovak Republic
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Cristian	Grozea	Fraunhofer Institute FIRST	Germany
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Harald	Hammarstrom	Radboud U Nijmegen	Nederland
Allan	Hanbury	Vienna University of Technology	Austria
Preben	Hansen	SICS	Sweden
Donna	Harman	National Institute of Standards and Technology - NIST	United States of America
Christopher	Harris	The University of Iowa	United States of America
Alexander	Henn	University Heidelberg	Germany

ALI	Hosseinzadeh Vahid	Dokuz Eylul University	Turkey
Bouke	Huurnink	University of Amsterdam	Nederland
Adrian	Iftene	Al.I.Cuza University	Romania
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Nicola	Montecchio	University of Padova	Italy
Manuel	Montes	INAOE	Mexico
Roser	Morante	University of Antwerp	Belgium
naoki	Motohashi	Meiji University	Japan
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Rao Muhammad Adeel	Nawab	University of Sheffield	United Kingdom
Stefanie	Nowak	Fraunhofer IDMT	Germany
Gabriel	Oberreuter	Universidad de Chile	Chile
María-Dolores	Olvera-Lobo	Universidad de Granada	Spain
Yurii	Palkovskii	Zytomyr Sate University, SkyLine, Inc.	Ukraine
Roberto	Paredes	ITI - UPV	Spain
Jan	Pawellek	Heidelberg University	Germany
Maria-Hendrike	Peetz	UvA	The Netherlands
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Mahmudur	Rahman	National Library of Medicine at NIH	United States of America
Alvaro	Rodrigo	NLP&IR group at UNED	Spain
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Christa	Womser-Hacker	University of Hildesheim	Germany
David	Zellhöfer	BTU Cottbus	Germany
yu	Zhang	ecole centrale de lyon	France
Johan	Oomen	Netherlands Institute for Sound and Vision	The Netherlands
Jaap	Kamps	University of Amsterdam	The Netherlands
Christos	Papatheodorou	Ionian University	Greece
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Fang	Xu	Saarland University	Germany
Lefteris	Xioufis	Aristotle University of Thessaloniki	Greece
Gabriel	Oberreuter	Universidad de Chile	Chile
Esteban	Castillo Juarez	Benemérita Universidad Autónoma de Puebla	Mexico
Neil	Cooke	University of Surrey	United Kingdom
Christopher	Harris	The University of Iowa	United States of America
Stefano	Bertolo	European Commission	Luxembourg
Jana	Kludas	University of Geneva	Switzerland
Elaine	Toms	University of Sheffield	United Kingdom
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Nicola	Orio	University of Padua	Italy
M.Teresa	Turell Julià	Universitat Pompeu Fabra	Italy
Walter	Daelemans	University of Antwerp	Belgium

Appendix F: List of Participating Institutions to the Labs

Affiliation	Country	PAN	CLEF-IP	Image-CLEF	QA4MRE	LogCLEF	MusiCLEF
AL.I.Cuza University	Romania	x		x	x	x	x
AUEB	Greece			x			
Bar-Ilan University	Israel	x					
Benemérita Universidad Autónoma de Puebla	Mexico	x					
Brandenburgische Technische Universität Cottbus	Germany			x			
BUAA AUDR	China			x			
Buffalo University	USA			x			
Ca' Foscari University	Italy				x		
CEA	France			x			
Chemnitz University of Technology	Germany		x				
CNRS	France	x					
Daedalus	Spain			x		x	
DA-IICT	India	x			x		
DEMIR	Turkey			x			
Dublin City University	Ireland					x	
Duquesne University	USA	x					
DUTH	Greece			x			
EC Lyon	France			x			
École Polytechnique Fédérale de Lausanne	Switzerland					x	
Fraunhofer HHI	Germany			x			
Fraunhofer Institute, FIRST	Germany	x					
Fudan University	China				x		
Hewlett-Packard	Russian Federation		x				
HITEC	Hungary			x			
Hitsz	China					x	
Humboldt University Berlin	Germany					x	
Hungarian Academy of Sciences	Hungary			x			
IDMT, Fraunhofer	Germany			x			
IES "José Caballero"	Spain	x					

IFSCC USP	Brasil			x			
IIIT Hydereabad	India					x	
INRIA Rocquencourt	France			x			
Institute for Infocomm Research	Singapore					x	
Institute de Recherche en Informatique de Toulouse	France					x	
IRIT	France			x			
Jadavpur University	India	x			x		
Joanneum	Austria		x				
Know-Center	Austria	x					
LAPI	Romania			x			
LIMSI-CNRS	France				x		
LIRIS Lyon	France			x			
Maastricht University	The Netherlands	x					
MedGIFT	Switzerland			x			
Meiji	Japan			x			
MLKD	Greece			x			
MRIM, IMAG	France			x			
MUFIN	Czech Republic			x			
National Institute of Informatics	Japan			x			
National Institutes of Health	USA			x			
NEC Laboratories America	USA				x		
Porfiau	Canada	x					
Radboud University Nijmegen	The Netherlands		x		x		
ReDCAD	Tunisia			x			
REGIMVID	Tunisia			x			
RMIT	Australia			x			
RWTH Aachen	Germany			x			
Sabanci University	Turkey			x			
Science and Research University Tehran	Islamic Republic of Iran					x	
SFSU	USA			x			
SIEL IIIT-H	India		x				
SINAI	Spain			x			
SVOP Ltd.	Slovakia	x					
Technische Universität Berlin	Germany			x			

The Open University	England			x			
UNED	Spain			x	x		
Unicamp	Brasil			x			
Universidad Autonoma de Nuevo Leon	Mexico	x					
Universidad de Chile	Chile	x				x	
Universidade de Évora	Mexico				x		
Università di Trento	Italy					x	
Université de Toulouse II - Le Mirail	France					x	
University Koblenz-Landlau	Germany				x		
University of Alabama at Birmingham	USA	x					
University of Alicante	Spain						x
University of Amsterdam	The Netherlands			x		x	
University of Antwerp	Belgium	x					
University of Athens	Greece	x					
University of Caen	Spain			x			
University of Electronic Science and Technology of China	China			x			
University of Essex	United Kingdom					x	
University of Hagen	Germany				x		
University of Heidelberg	Germany				x		
University of Hildesheim	Germany					x	
University of Huelva	Spain			x			
University of Kaiserslautern	Germany			x			
University of Lugano	Switzerland		x				
University of Padua	Italy						x
University of North Texas	USA			x			
University of Pennsylvania	USA	x					
University of Sheffield	United Kingdom	x					
University of Surrey	United Kingdom	x					
University of the Aegean	Greece	x					

University of Toulouse	France	x					
WISEnut Inc.	Republic of Korea		x				
Xerox Research Center Europe	France		x	x			
Zhytomyr State University, SkyLine. Inc.	Ukraine	x					
TOTAL Institutions: 96		24	8	44	13	16	3
Working Notes Papers⁵: 89		22	8	44	9	4	2

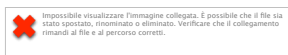
⁵ These numbers include only the reports of the participants in the evaluation campaigns.

Appendix G: CLEF 2011 Sponsors

CLEF 2011 benefited from the support of the following organizations:



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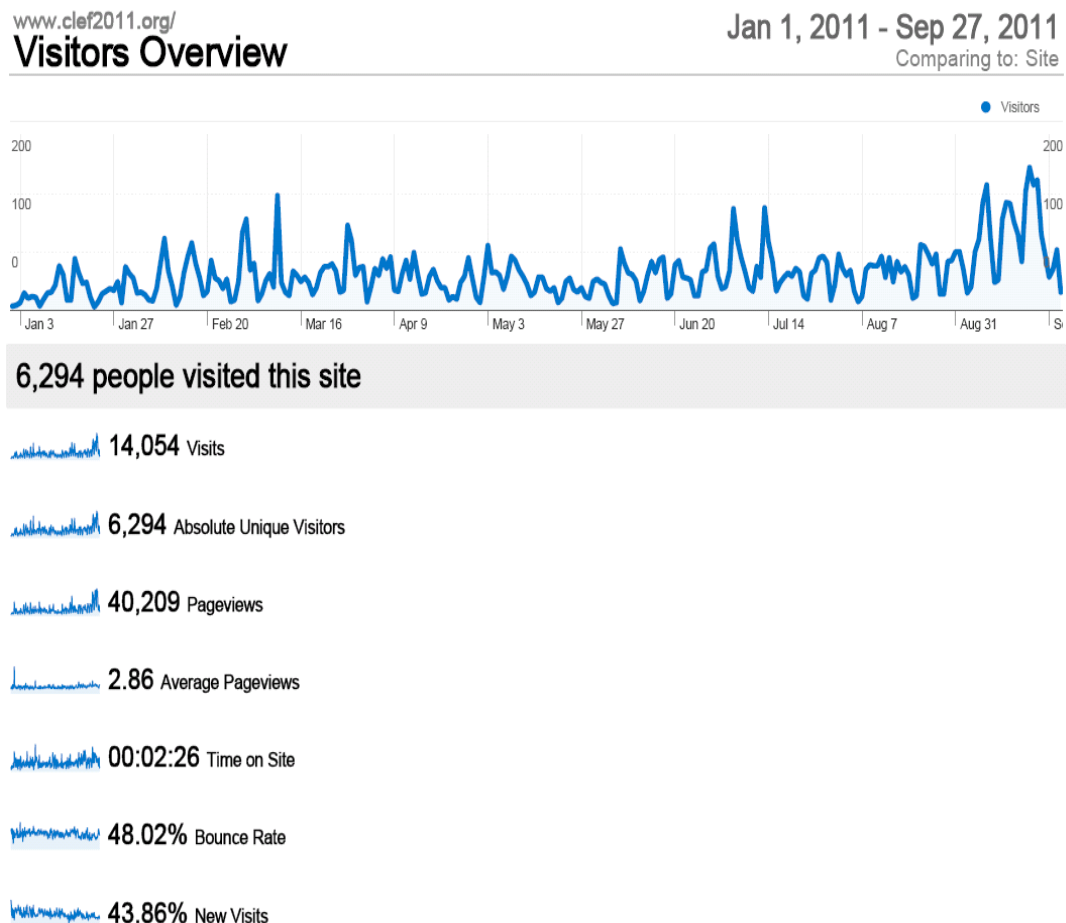


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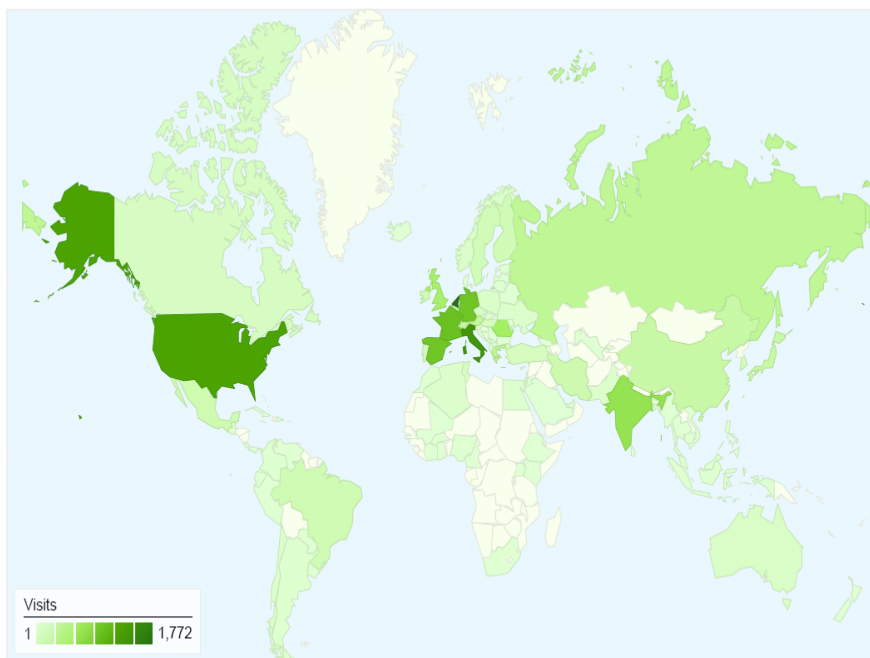
Xerox Research Centre Europe, France

Appendix H: CLEF 2011 Website Statistics



www.clef2011.org/
Map Overlay

Jan 1, 2011 - Sep 27, 2011
Comparing to: Site



14,054 visits came from 107 countries/territories

Site Usage					
Visits 14,054 % of Site Total: 100.00%	Pages/Visit 2.86 Site Avg: 2.86 (0.00%)	Avg. Time on Site 00:02:26 Site Avg: 00:02:26 (0.00%)	% New Visits 43.91% Site Avg: 43.86% (0.11%)	Bounce Rate 48.02% Site Avg: 48.02% (0.00%)	
Country/Territory	Visits	Pages/Visit	Avg. Time on Site	% New Visits	Bounce Rate
Netherlands	1,772	3.05	00:02:34	28.50%	43.06%
Italy	1,382	4.23	00:03:42	28.36%	44.57%
United States	1,247	2.50	00:01:49	55.41%	50.60%
France	997	2.83	00:02:23	42.73%	47.04%
Germany	958	3.07	00:02:58	44.99%	43.53%
Spain	955	2.86	00:02:13	40.00%	45.03%
India	698	2.45	00:02:14	52.58%	48.14%
Romania	598	2.23	00:02:13	40.64%	56.52%
United Kingdom	553	2.66	00:02:07	40.87%	56.42%