JUNE 6-9, 2011 | VIENNA | AUSTRIA

4th IRF SYMPOSIUM

CollaborationExperimentationEvaluation

Highlights:

- 3 plenary sessions: **Image Retrieval, Machine Translation and Interfacing**
- **Panel discussions** at the end of each session
- Presentations involving **demonstrations and specific use cases**
- **Exhibition showcasing new technologies and prototypes**
- **PatOlympics** – Second edition of the interactive prototype evaluation competition
- **Biomedicine** and **Trademark** tracks for new perspectives on how to improve patent search and analysis
- **Second edition of the IRF Scientific Conference**, preceding the IRF Symposium on 6 June 2011

Objectives

- Foster the dialogue between science and industry
  - Expose the specific challenges of patent information retrieval
  - Present results from research projects bringing potential solutions
- Align research activities with the real needs of end-users
- Initiate new research projects in the field of patent information retrieval
- Contribute to the development of more efficient technologies for professional information retrieval

Target Audience

Information Professionals:

- Heads of IP, R&D and information departments, patent information professionals, industrial researchers and analysts
- Consulting & professional service firms, information publishers, patent attorneys
- Governmental and non-governmental organizations, e.g. patent offices and technology transfer centers

Researchers in the fields of:

- Information retrieval
- Semantic Web technologies
- Natural language processing
- Large-scale or distributed computing

Since 2007, the IRF Symposium has established itself as a unique conference where academia and industry meet to discuss and solve patent retrieval challenges.

After a discovery phase, during which the patent information professionals explained their needs and showed the limits of the systems they work with, the last IRF Symposium in June 2010 marked the start of the integration phase: Information retrieval scientists have started to integrate these parameters in their research. In 2011, the IRF Symposium will demonstrate further examples of retrieval techniques developed to better solve the information professionals' needs in 3 specific fields: **Image Retrieval, Machine Translation** and **Interfacing.**

The IRF Symposium 2011 is placed under the sign of **collaboration** and **results**: Information retrieval researchers will apply their systems to a standardized patent collection and patent searchers will evaluate the results. The past Symposium has shown the need for the involvement of a third party, the technology implementers, who can take on the results to develop practical tools. The IRF Symposium 2011 intends to give them this opportunity.

In 2011, the IRF intends to set up **group projects involving an academic research team in cooperation with a technology provider** to deliver practical results for the IRF Symposium 2012. The areas of interest are: Semantic Annotations, Chemical Patent Retrieval, Image Retrieval, Machine Translation and Interfacing. Contact us if you are interested in participating!

For more information please visit www.irfs.at or contact team@irfs.at

Information Retrieval Facility

JUNE 6, 2011 | VIENNA | AUSTRIA

2nd IRF CONFERENCE
| | | | | | The IRF Scientific Forum | | | | | |

General Chair: W. Bruce Croft, University of Massachusetts Amherst (UMASS), US
Programme Chair: Arjen P. de Vries, Centrum Wiskunde & Informatica (CWI), NL
Deadline for paper submission (tentative): 17 January 2011

After a successful start in 2010, the 2nd IRF Scientific Conference provides once again a multi-disciplinary, scientific forum for researchers and aims at bringing young researchers into contact with industry at an early stage.

The 2nd IRF Conference addresses 4 complementary research areas:
• Information retrieval
• Semantic web technologies for IR
• Natural language Processing for IR
• Large-scale or distributed computing for the above areas

The conference focuses on large scale research projects and relates the research papers to real industry cases. A panel of experts from both academia and industry will discuss at the end of the conference the relevance of the presented papers for current challenges faced by information professionals.

The 2nd IRF Conference is targeted to young researchers who are interested in:
• Discussing results obtained using the IRF computing infrastructure and data resources
• Learning about complementary technologies
• Applying their research efforts to real business needs
• Joining the international research network of the IRF

All accepted papers and posters will be published as conference proceedings – the proceedings of the last conference were published in Springer as part of the Lecture Notes in Computer Science series.

The 2nd IRF Conference is colocated with the **4th IRF Symposium** (June 7-9, 2011, Vienna, Austria) where leading experts from the intellectual property and information retrieval domains will debate about retrieval challenges in the intellectual property area and exchange ideas about potential solutions. It takes place at the Vienna University of Technology.

The IRF Symposium provides a platform for participants of the Scientific Conference to meet professional searchers from industry and get acquainted with real world needs.

For the second time the IRF Symposium will host **PatOlympics**, a half-day event that provides an interactive evaluation platform where prototypes of state-of-the-art patent retrieval systems are tested and driven to their limits by patent retrieval professionals. The 2011 PatOlympics include two PatSports: **ChemAthlon** and **Cross-Language Retrieving**.

The best papers of the IRF Conference will be invited to present a poster and/or a demo at the exhibition of the IRF Symposium.

Contact **irfc2011@ir-facility.org** or visit **www.ir-facility.org** for more information

Information
Retrieval
Facility