

JULY 1-3, 2012 | VIENNA | AUSTRIA

5th IRF Conference

for Science & Industry

5th IRF Conference for Science & Industry co-titled: First Open Interdisciplinary MUMIA Conference

Conference Programme



1-3 July, 2012
Vienna, Austria

<http://www.ir-facility.org/irf-conference-2012>
<http://www.mumia-network.eu/>

Organizers



1 July 2012

09.30-13.30

Tutorial 1

Title: **Patent Information Retrieval**

Instructors: Dr Mihai Lupu, Dr Allan Hanbury (TU Wien)

The tutorial aims to provide the IR researchers with an understanding of patent documents, how the patent system works, the challenges that patent searchers face in using the existing tools and in adopting new methods developed in academia.

14.30-18.30

Tutorial 2

Title: **Designing the Search Experience**

Instructor : Dr Tony Russell-Rose (UXLabs Ltd)

The aim of this tutorial is to deliver a learning experience grounded in good scholarship, integrating the latest research findings with insights derived from the practical experience of designing and optimizing an extensive range of commercial search applications.

Favoritenstraße 9-11, Stairs (Stiege) 3,
4th floor, Seminar Room 183/2

2 July 2012

08.30-09.30

Registration

09.30-10.00

Opening

Dr. Michail Salampasis, MUMIA Action Chair
Prof. Norbert Fuhr, Chairman of the Scientific Board, IRF
Dr. Birger Larsen, IRFC 2012 program co-chair
Mag. Lisbeth Mosnik, Austrian Federal Ministry for Transport,
Innovation and Technology

10.00-11.00

Invited Talk - Prof. Martin Kay

11.00-11.30

Coffee Break

11.30-13.00

Session 1: Patent Search

Learning-based Pseudo Relevance Feedback for Patent Retrieval
Parvaz Mahdabi and Fabio Crestani

Analyzing Parallelism and Domain Similarities in the MAREC Patent Corpus
Katharina Waeschle and Stefan Riezler

Query Enhancement for Patent Prior Art Search based on Keyterm Dependency Relations and Semantic Tags
Khanh-Ly Nguyen and Sung-Hyon Myaeng

13.00-14.30

Lunch

14.30-16.00

Session 2: Web Search

Analysis and Detection of Web Spam by means of Web Content
Victor M. Prieto, Manuel Álvarez, Rafel López-García and Fidel Cacheda

Discovery of Environmental Nodes in the Web
Anastasia Moutzidou, Stefanos Vrochidis, Sara Tonelli, Ioannis Kompatsiaris and Emanuele Pianta

Web Searching with Entity Mining at Query Time
Ioannis Kitsos, Pavlos Fafalios, Yannis Marketakis, Claudio Baldassarre, Michail Salampasis and Yannis Tzitzikas

Vienna University of Technology, Neues Elektrotechnisches
Lecture Hall EI 9, Gußhausstraße 27-29, 1040

16.00-16.30	Coffee Break	
16.30-18.30	4th Management Committee Meeting of the Multilingual and Multifaceted Interactive Information Access (MUMIA) COST Action	
20.00-00.00	Dinner (Vienna City Hall)	
3 July 2012		
09.00-11.00	Session 3: Industry Track Session	Vienna University of Technology, Neues Elektrotechnisches Lecture Hall EI 9, Gußhausstraße 27-29, 1040
	Task based information seeking in a large organisation, report from a collaborative project Henrik Strindberg, Findwise Research	
	Lessons learned and challenges ahead for patent analytics software Anton Heijs, CEO & CTO, Treparel Information Solutions B.V.	
	Community and corporate patent search portals Quentin Tannock, LLB, LLM, Chairman & Founder, CambridgIP and Boliven.com	
11.00-11.30	Coffee Break	
11.30-13.00	Demo Session - CambridgIP and Boliven.com - Findwise Research - m2n Consulting & development GmbH - Treparel Information Solutions B.V. - ITI (PatMedia) - iPerFedPat	
13.00-14.30	Lunch	
14.30-16.00	Session 4: Industry Track Session	
	Patent and Norm Exploration with the m2n Knowledge Discovery Suite Tobias Schleser, Doris Ipsmiller and Roland Mörzinger	
	Analyzing Query Logs of USPTO Examiners to identify useful query terms in patent documents for Query Expansion in Patent Searching: A Preliminary Study Wolfgang Tannebaum and Andreas Rauber	
	PatMedia: Augmenting Patent Search with Content-based Image Retrieval Stefanos Vrochidis, Anastasia Mourtzidou, Gerard Ypma, Ioannis Kompatsiaris	
16.00-16.30	Coffee Break	
16.30-18.00	Session 5: Applications	
	Generating Variant Keyword Forms for a Morphologically Complex Language Leads to Successful Information Retrieval with Finnish Kimmo Kettunen and Paavo Arvola	
	Discovering Relevant Features for Effective Query Formulation Luepol Pipanmaekaporn	
	Hierarchical Classification of Web Documents by Stratified Discriminant Analysis Juan Carlos Gomez and Marie-Francine Moens	

Programme Overview

1 July 2012

09.30-13.30 Tutorial 1

Title: Patent Information Retrieval
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Dr Allan Hanbury (TU Wien)

14.30-18.30 Tutorial 2

Title: "Designing the Search
Experience"
Instructor : Dr Tony Russell-Rose
(UXLabs Ltd)

Venue

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Stairs (Stiege) 3, 4th floor
Seminar Room 183/2,
Vienna, Austria

2 July 2012

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10.00-11.00 Invited Talk

11.00-11.30 Coffee Break

11.30-13.00 Session 1 Patent Search

13.00-14.30 Lunch

14.30-16.00 Session 2 Web Search

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16.30-18.30

4th Management Committee
Meeting of the Multilingual and
Multifaceted Interactive
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3 July 2012

09.00-11.00 Session 3 Industry Track Session

11.00-11.30 Coffee Break

11.30-13.00 Demo Session

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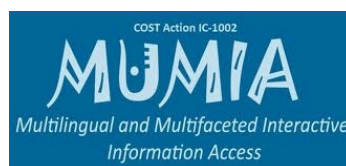
14.30-16.00 Session 4 Industry Track Session

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16.30-18.00 Session 5 Applications

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**OESTERREICHISCHE
COMPUTER GESELLSCHAFT**
AUSTRIAN
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