

Book review

WEB SEARCH ENGINE RESEARCH
Dirk Lewandowski
Emerald Publishing. UK. 2012. 322p
ISBN 978-1-78052-636-2

Search engines in the web are the only tools to explore the content in the web for most of the users. Increasingly, users rely on search engines and in most cases the retrieval depends solely on the performance of search engines. Hence newer research is being poured in to the web search mechanism. Thus, this book on web search engine research is a significant tool to activate the thrust areas of research in the web world.

Authored as well as edited by Dirk Lewandowski, this book has three parts. The first part deals with the emerging areas of web searching followed by the parts on Beyond traditional search engine evaluation and New perspectives on search engines. Prior to these two parts, there is an outline chapter on New perspectives on web search engine research by the author Dirk. Dirk has given not merely an outline of the book in the opening chapter, but enabled the reader to gain an understanding of the current research in this thrust area.

Social web is proved to be a perfect collaborating platform to network the unlimited number of users in the last few years. In the chapter on 'The Many Ways of Searching the Web Together: A Comparison of Social Search Engines', the authors Manuel Burghardt, Markus Heckner and Christian Wolff have described the social web in the modern context with the discussion on social web characteristics. In the next chapter on 'Local Web Search Examined, Dirk Ahler has given the architecture of the search process before imitating a comprehensive discussion on location based search. He has illustrated the Google approach in describing the map search. The chapter on 'The Computational Analysis of Web Search Statistics in the Intelligent Framework Supporting Decision Making' has outlined the generation of web data based on the intelligent framework.

In the second part in the first chapter on 'Evaluation Web Retrieval Effectiveness' the authors Ben Carterette, Evangelos Kanouals and Emine Yilmaz have elaborated the traditional as well as refined techniques of IR evaluation. The future research on web is challenging as quoted by Denecke on the chapter on 'Diversity-Aware Search: New Possibilities and Challenges for Web Search.' Further evaluation in terms of search engines is offered by Kin Fun Li, Yali Wang and Wei Yu in the chapter on 'Personalised Search Engine Evaluation: Methodologies and Metrics. A useful comparison on search engines in terms of ranks is provided by Massimo Melucci.

In the third part on "*New Perspectives on web searching*" the book has three chapters on technology aspects of search, evaluation of search engine results and conceptual as well as nomenclature related discussion on search. This is somewhat surprise to note that the editor has pushed a discussion on the concept to the final part rather than the first part!

However, this book is an incremental addition on web information retrieval system. The editor has compiled a good number of required chapters and solicited contributions on modern areas of web world.

Daisy Jacobs
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CONFERENCE NOTIFICATION

Seventh International Conference on Digital Information Management (ICDIM 2012)

University of Macau

Macau

August 22-24, 2012

<http://www.icdim.org>

(Technically co-sponsored by IEEE Technology Management Council)

The proceedings will be indexed in IEEE Xplore

Following the successful earlier conferences at Bangalore (2006), Lyon (2007), London (2008), Michigan (2009), Thunder Bay (2010) and Melbourne (2011) the seventh event is being organized at University of Macau, Macau in 2012 August. The International Conference on Digital Information Management is a multidisciplinary conference on digital information management, science and technology. The principal aim of this conference is to bring people in academia, research laboratories and industry together, and offer a collaborative platform to address the emerging issues and solutions in digital information science and technology. The ICDIM intends to bridge the gap between different areas of digital information management, science and technology. This forum will address a large number of themes and issues. The conference will feature original research and industrial papers on the theory, design and implementation of digital information systems, as well as demonstrations, tutorials, workshops and industrial presentations.

The topics in ICDIM 2012 include but are not confined to the following areas.

- Temporal and Spatial Databases
- Data Mining
- Web Mining including Web Intelligence and Web 3.0
- E-Learning, eCommerce, e-Business and e-Government
- Web Metrics and its applications
- XML and other extensible languages
- Semantic Web, Ontologies and Rules
- Human-Computer Interaction
- Artificial Intelligence and Decision Support Systems
- Knowledge Management
- Ubiquitous Systems
- Peer to Peer Data Management
- Interoperability
- Mobile Data Management
- Data Models for Production Systems and Services
- Data Exchange issues and Supply Chain
- Data Life Cycle in Products and Processes
- Case Studies on Data Management, Monitoring and Analysis
- Security and Access Control
- Information Content Security
- Mobile, Ad Hoc and Sensor Network Security
- Distributed information systems
- Information visualization
- Web services
- Quality of Service Issues
- Multimedia and Interactive Multimedia

- Image Analysis and Image Processing
- Video Search and Video Mining

All the accepted papers will appear in the proceedings published by IEEE and fully indexed by IEEE Xplore. All the ICDIM papers are indexed by DBLP (<http://www.informatik.uni-trier.de/~ley/db/conf/icdim/index.html>)

Modified version of the selected papers will appear in the special issues of the following peer reviewed and indexed journals.

(Indexed in Scopus, Thomson Reuters, Journal Citation Reports, dblp, Engineering Index and many other databases)

1. Journal of Digital Information Management (Scopus/EI Indexed)
2. Information Journal (SCI/ISI Indexed)
3. Journal of Emerging Technologies in Web Intelligence (Scopus/EI Indexed)

Many more special issues are planned.

Important Dates

Submission of papers	May 31, 2012
Notification of Acceptance	June 30, 2012
Camera ready	July 31, 2012
Registration late	August 10, 2012
Conference dates	August 22-24 2012

Programme Committee

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The Second International Conference on Innovative Computing Technology (INTECH 2012)

Mohammed V-Agdal University, Rabat in Morocco.

September 18-20, 2012

Technically co-sponsored by IEEE UK&RI
Proceedings will be published in the IEEE Xplore
(<http://www.dirf.org/intech>)

Submissions at <http://www.dirf.org/intech/submission.asp>

The First International Conference on Innovative Computing Technology (INTECH 2011) was held at Sao Carlos in Brazil. The Second International Conference on Innovative Computing Technology (INTECH 2012) will be held at Faculty of Sciences, Mohammed V-Agdal University, Rabat in Morocco. The INTECH 2012 offers the opportunity for institutes, research centers, engineers, scientists and industrial companies to share their latest investigations, researches, developments and ideas in area of Innovative Computing Technology, which covers huge topics. The INTECH intends to address various innovative computing techniques involving various applications. This forum will address a large number of themes and issues. The conference will feature original research and industrial papers on the theory, design and implementation of computing technologies, as well as demonstrations, tutorials, workshops and industrial presentations.

This conference (INTECH 2012) will include presentations of contributed papers by invited keynote speakers.

Conference papers will include innovative computing paradigms in the following topics:

- Network and Information Security
- Innovative Computing Systems and Applications in S \$ T domains
- Algorithms
- Applied Information Systems
- Artificial Intelligence and Decision Support Systems
- Cloud Computing
- Computational Intelligence
- Data and Network mining
- Data Stream Processing in Mobile/Sensor Networks
- Database Systems
- Digital Image/Video Processing
- E-Learning, e-Commerce, e-Business and e-Government
- Environmental modeling and precision agriculture
- Fault Classification and Pattern Recognition
- Green Computing
- Grid computing
- Human-Computer Interaction
- Intelligent Condition Monitoring
- Mobile network and systems
- Multimedia and Interactive Multimedia
- Payment Systems
- Peer-to-peer social networks
- Precision Farming

- Web Farming
- Signal Processing
- Soft Computing: Fuzzy and Neural Network Systems, optimization algorithms
- Software Engineering
- Intelligent Farming: Web farming, Web irrigation
- Ubiquitous Computing
- User Interfaces, Visualization and Modeling
- Virtual Reality
- Visualization
- Web services
- WWW Applications and Technologies
- XML and other Extensible Languages

Important Dates

Submission of papers	May 31, 2012
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Camera ready	July 31, 2012
Registration late	August 10, 2012
INTECH 2012	Sep 18-20, 2012

Submissions at <http://www.dirf.org/intech/submission.asp>

The INTECH proceedings will also be indexed by dblp. In addition, all the accepted papers (for Journals) will be published in the following special issues journals after substantial revision and modification.

Journal of Digital Information Management (Scopus/EI/dblp Indexed)

International Journal of Web Applications (dblp indexed)

Information Journal (SCI/ISI Indexed)

International Journal of Enterprise Information Systems (Scopus and EI Indexed)

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Conference Mail: [intech at dirf.org](mailto:intech@dirf.org)

**The First International Conference on Future Generation Communication
Technologies (FGCT 2012)
November 28-30, 2012
British Computer Society, London, UK
(<http://www.socio.org.uk/fgct>)**

Call for Paper

You are invited to submit a paper to The First International Conference on Future Generation Communication Technologies (FGCT 2012) to be held at the British Computer Society, London, UK. Accepted papers in the conference will be published and indexed in the IEEE Xplore, and will be indexed in many global databases.

In the last decade, a number of newer communication technologies have been evolved, which have a significant impact on the technology, as a whole. The impact ranges from incremental applications to dramatic breakthrough in the society. Users rely heavily on broadcast technology, social media, mobile devices, video games and other innovations to enrich the learning and adoption process.

This conference is designed for teachers, administrators, practitioners, researchers and scientists in the development arenas. It aims to provide discussions and simulations in the communication technology at the broad level and broadcasting technology and related technologies at the micro level.

Through a set of research papers, using innovative and interactive approach, participants can expect to share a set of research that will prepare them to apply new technologies to their work in teaching, research and educational development amid this rapidly evolving landscape.

Topics discussed in this platform are not limited to

Broadcast technology

- 4 G Mobile technology, including open mobile initiatives
- Future mobile communications
- Mobile Web Technology
- Communication Security, Trust, Protocols and Applications
- Communication Interfaces
- Communication Modelling
- Collaborative Communication Technology
- Forthcoming optical communication systems
- Communication Technology for Elearning, Egovernment, Ebusiness
- Games and games designing
- Social technology devises, tools and applications
- Crowdsourcing and Human Computation
- Future warehousing

The conference will have workshops on specific themes, industrial presentation, invited talks and collaborative discussion forums.

Important Dates

Submission of papers	September 10, 2012
Notification of Acceptance	October 10, 2012
Camera ready	November 10, 2012
Registration late	November 05, 2012
FGCT 2012	November 28-30, 2012

The selected papers after extension and modification will be published in many peer reviewed and indexed journals.

