



# The 15<sup>th</sup> International conference on Web-Age Information Management (WAIM2014)

<http://www.cis.umac.mo/waim2014/>

June 16–18, 2014, Macau, China

WAIM is a leading international conference for researchers, practitioners, developers, and users to share and exchange ideas, results, experience, techniques, and tools in connection with all aspects of Web data management. As the 15th event in the increasingly popular series, WAIM2014 expects to attract participants from all over the world to Macau, a famous city in China, and continues to establish WAIM as one of the major conferences on Web-based information systems.

The WAIM2014 organization committee invites submissions of research papers, industry papers and demo papers for WAIM2014, to be held in Macau, China, June 16–18, 2014. Submissions are invited on all aspects related to Web-age information management. Each paper will be fully refereed by the program committee and judged on its originality, significance, technical quality, and relevance to WAIM2014 as well as presentation. Submission of a paper should be regarded as an undertaking that, should the paper be accepted, at least one author will attend the conference to present the work.

## Conference Scope

WAIM2014 includes but is not limited to the following topics:

- Advanced database and Web applications
- Big data management and analysis
- Caching and replication
- Cloud data mining
- Cloud computing
- Content management
- Crowdsourcing
- Data and information quality
- Data management on new hardware
- Data mining
- Data management for mobile and pervasive computing
- Data warehousing and OLAP
- Deep Web
- Digital libraries
- Information retrieval
- Information extraction
- Information integration and heterogeneous systems
- Multimedia information systems
- P2P systems performance and benchmarking
- Parallel and distributed database systems
- Query processing and optimization
- Recommender systems
- Semantic Web and ontology
- Security, privacy, and trust
- Sensor networks
- Service-oriented computing
- Spatial and temporal databases
- Stream data processing
- Storage and access methods
- Uncertain Data
- Web advertising and community analysis
- Web-based collaboration
- Web search and meta-search
- Web service and information management
- Workflow systems
- XML and semi-structured data
- Wireless Sensor Network

## Paper Publication

The proceedings of WAIM2014 will be published by Springer-Verlag in the Lecture Notes in Computer Science (LNCS) series, one volume for the main conference and one volume for the workshops. Both will be indexed by EI. Selected accepted papers will be invited to submit expanded versions for possible publication in the FCS (Frontier of Computer Science) journal (indexed by SCD).

## Paper Submission

All submissions should be in English. Every research paper submitted to WAIM 2014 will undergo a "double-blind" reviewing process. A submission should be no more than 12 pages double spacing, including all figures. Submission website: <https://cmt.research.microsoft.com/WAIM2014/>

## Workshops, Demos, Panels, and Industry Presentations

In addition to regular papers, WAIM2014 invites proposals for workshops, demos, panels, and industry presentations. For workshops and demos, WAIM2014 will provide administrative support for room booking, registration, and paper publication.

### ● Honorary Chair

Wei Zhao, University of Macau, Macau

### ● General Co-Chairs

Zhiguo Gong, Univ. of Macau, China  
Jian Pei, Simon Fraser Univ., Canada

### ● Program Co-Chairs

Feifei Li, University of Utah, US  
Guoliang Li, Tsinghua Univ., China  
Seungwon Hwang, POSTECH, Korea

### ● Workshop Co-Chairs

Wolf-Tilo Balke, TU-Braunschweig, Germany  
Yueguo Chen, Renmin Univ., China  
Jianliang Xu, HK Baptist Univ., China

### ● Demo Co-Chairs

Tingjian Ge, UMass Lowell, USA  
Hongzhi Wang, HIT, China

### ● Panel Chair

Lizhu Zhou, Tsinghua Univ., China  
Xiaofang Zhou, Univ. of Queensland, Australia

### ● DYL Series Co-Chairs (Distinguish Young Lecturer)

Xuemin Lin, Univ. of New South Wales, Australia  
Ke Yi, HKUST, China  
Aoying Zhou, East China Normal Univ., China

### ● Industry Co-Chairs

Shimin Chen, HP Co., China  
Cong Yu, Google, US

### ● Publication Co-Chairs

Bin Yao, Shanghai Jiaotong Univ., China  
Zhenjie Zhang, ADSC, Singapore

### ● Best Paper Award Co-Chairs

Jianzhong Li, HIT, China  
Kyuseok Shim, Seoul National Univ., Korean.  
Ge Yu, Northeast Univ., China

### ● Publicity Co-Chairs

Xiangfeng Luo, Shanghai Univ., China  
Hua Wang, Univ. of Southern Queensland, Australia  
Wenjun Zhou, Univ. of Tennessee- Knoxville, USA

### ● Local Organization Co-Chairs

Leong Hou U, University of Macau  
Lawrence Si, University of Macau

### ● Sponsorship Co-chairs

Wong Fai, University of Macau

### ● Registration Co-Chairs

Shirley Siu, University of Macau  
Yan Zhuang, University of Macau

### ● Finance Co-Chairs

Leong Hou U, University of Macau

### ● Web Chair

William Sio, University of Macau

### ● Steering Committee Liaison

Weiyi Meng, Binghamton Univ., US

### ● CCF DBS Liaison

Xiaofeng Meng, Renmin Univ., China

### ● Microsoft Summer School

Haixun Wang, Microsoft, China

### ● APWeb Liaison

Xuemin Lin, Univ. of New South Wales, Australia

### ● WISE Liaison

Yanchun Zhang, Victoria Univ., Australia

## Important Dates

**Abstract due:** Jan 14 2014  
**Full paper due:** Jan 21, 2014  
**Author notification:** March 21, 2014  
**Camera-Ready deadline:** April 2, 2014  
**Author registration:** April 2, 2014





# The 15<sup>th</sup> International conference on Web-Age Information Management Call for Industry Papers

<http://www.cis.umac.mo/waim2014/>

June 16–18, 2014, Macau, China

WAIM is a leading international conference for researchers, practitioners, developers, and users to share and exchange ideas, results, experiences, techniques, and tools in connection with all aspects of web data management. The Industrial Track of WAIM 2014 would like to invite high quality submissions that highlight innovative aspects of industrial projects (including commercial, government, or open source efforts), describe industrial applications having the potential to inspire research in new areas, or report case studies demonstrating the results of recent advances in commercial products.

Submissions to all topics listed in the “Conference Scope” under <http://www.cis.umac.mo/waim2014/> are eligible. Accepted industry papers will be published in the volume of main conference by Springer in Lecture Notes in Computer Science (LNCS).

## Submission Guidelines

We will accept full papers (up to 12 pages) and short papers (up to 6 pages). Submission website:

<https://cmt.research.microsoft.com/WAIM2014/>

The formatting guidelines of Springer Verlag for the LNCS series apply. The author instructions and style files under <http://www.springer.de/comp/lncs/authors.html> must be used. All submissions should be in English and in PDF format. Instructions, camera-ready formatting and copyright transfer for research papers also hold for industry papers, UNLESS OTHERWISE SPECIFIED.

For inquiries concerning submissions, please contact the Industrial Track Chairs.

## Important Dates

Abstract due:	Jan 14, 2013
Full paper due:	Jan 21, 2013
Author notification:	March 21, 2014
Camera-Ready deadline:	April 2, 2014
Author registration:	April 2, 2014

## Industry Co-Chairs

Shimin Chen, ICT CAS  
Cong Yu, Google, US



# The 15<sup>th</sup> International conference on Web-Age Information Management Call for Demos

<http://www.cis.umac.mo/waim2014/>

June 16–18, 2014, Macau, China

For WAIM 2014 in Macau, China, we solicit submissions for demos. Submissions must describe working systems and be based on current web-aged technology. These systems may be innovative prototype implementations or mature systems that use techniques which are related to topics covered in WAIM 2014.

Submissions to all topics listed in the “Conference Scope” under <http://www.cis.umac.mo/waim2014/> are eligible.

Demo submissions will be evaluated on relevance, maturity and technical challenges of the demo systems, but we also pay attention on the potential number of attendees.

Each accepted demo is required to have a poster and demonstrate during the demo sessions. For accepted demos, demo papers will be published in a joint volume with workshop papers by Springer in Lecture Notes in Computer Science (LNCS). Each final camera-ready demo paper will be 3 pages long, including figures and other materials. At least one of the demo submitters must register for the conference, and perform the demo on site. Based on the overall performance, several demo works will be selected and offered the BEST DEMO AWARD.

## Submission Guidelines

The submission and notification process will be handled together with the regular papers of the conference, using an online system.

<https://cmt.research.microsoft.com/WAIM2014/>

Instructions, camera-ready formatting and copyright transfer for conference papers also hold for demo papers, UNLESS OTHERWISE SPECIFIED.

A demo submission must be up to 3 pages long. It must provide adequate information on the system's components and the way the system is operated. Figures, screenshots and interactive demo plans may be included if necessary. The authors are encouraged to provide a URL that points to a preview of the demo.

A successful demo paper provides satisfactory answers to following questions: What makes the presented piece of software unique and special? What are the innovative aspects or in what way/area does it represent the state of the art? For whom is it most interesting/useful – for a researcher, for a graduate or undergraduate student in these areas, for a practitioner? If there are similar/related pieces of software, what are the advantages and disadvantages of the presented one?

The formatting guidelines of Springer Verlag for the LNCS series apply, and the author instructions and style files under <http://www.springer.de/comp/lncs/authors.html> must be used. All submissions should be in PDF format. For inquiries concerning submissions please contact the Demo Track Chairs.

## Important Dates

<b>Abstract due:</b>	Jan 14 2014
<b>Full paper due:</b>	Jan 21, 2014
<b>Author notification:</b>	March 21, 2014
<b>Camera-Ready deadline:</b>	April 2, 2014
<b>Author registration:</b>	April 2, 2014

## Demo Co-Chairs

Tingjian Ge, UMass Lowell, USA  
Hongzhi Wang, HIT, China



# The 15<sup>th</sup> International conference on Web-Age Information Management Call For Workshops

<http://www.cis.umac.mo/waim2014/>

June 16–18, 2014, Macau, China

WAIM is a leading international conference for researchers, practitioners, developers, and users to share and exchange ideas, results, experiences, techniques, and tools in connection with all aspects of Web data management. As the 15th event in the increasingly popular series, WAIM2014 expects to attract participants from all over the world to Macau, a famous resort in China, and continues to establish WAIM as one of the major conferences on Web-based information systems.

We solicit proposals for half-day or full-day workshops to be held on June 16, 2014 (tentatively) in conjunction with WAIM 2014. Workshops are expected to focus on novel ideas on current and emerging topics relevant to the conference. All papers accepted by WAIM 2014 workshops will be published in a combined volume of Lecture Notes in Computer Science series published by Springer, indexed by EI (pending for approval).

All workshops will benefit from the registration process of WAIM 2014 (we will have a single registration for conferences, workshops and tutorials). The workshop organizer(s) will be responsible for advertising the workshop, reviewing and selecting the papers.

## Important Dates

Workshop proposal due: January 15, 2014

Workshop proposal approval: January 25, 2014

Workshop date: June 16, 2014 (tentative)

## Submission Instructions

Workshop proposals should include the following information:

- Workshop title and acronym
- Brief description about the workshop, including a list of topics
- Names and contact information for the organizer(s)
- Proposed duration of the workshop (half day or full day)
- Potential PC members for the workshop
- Expected number of attendees
- Brief biography of the organizer(s)

Proposals and enquiries should be sent to [waim2014workshops@gmail.com](mailto:waim2014workshops@gmail.com) with the subject: "WAIM 2014 Workshop Proposal".

## WAIM 2014 Workshop Co-Chairs

Wolf-Tilo Balke (TU-Braunschweig, Germany)

Yueguo Chen (Renmin University, China)

Jianliang Xu (Hong Kong Baptist University, China)