



# Global Perspective: 8th International Workshop on Web Caching and Content Distribution (WCW)

## Revised Call for Papers

IBM T.J. Watson Research Center, Hawthorne, NY USA

29 September - 1 October, 2003

<http://2003.iwcw.org/>

Due to the **SARS** epidemic, and restrictions on travel to China, WCW8 has been relocated to the USA. It will be held at IBM Research, outside New York City. The dates of the conference have shifted by one day from the original announcement.

We anticipate holding WCW in Beijing in 2004, depending on the abatement of these restrictions.

Since 1996, this workshop has served as the premiere forum for researchers and industry technologists to exchange research results and perspectives on future directions in Internet content caching and content delivery. The first four Web Caching Workshops (WCW) focused on Web cache software and caching networks for static Web content. The scope broadened to encompass content distribution and eventually all areas relating to the intersection of storage and networking for Internet content services, including such areas as storage for grid computing and peer-to-peer storage services. In other words, the name of the workshop has stayed relatively constant, but the topics included in it will, as always, cover the newest and most interesting areas relating to data as it moves about the Internet. This year we are especially interested in issues of massive scale: the impact of geography on caching and replication; the role of caching and data transfer in Internet-wide grid computing; global peer-to-peer file transfer and storage; and other topics consistent with the history of the workshop and the evolution of web caching and content delivery.

**Call for Papers** -- The workshop solicits technical papers related to Internet content caching and replication, content delivery, and content services networking. Particular areas of interest include:

- Caching and edge services for the wireless Web
- Caching and replication for grid computing
- Consistency management
- Content placement and request routing
- Edge services and dynamic content caching
- Empirical studies of deployed content delivery systems
- Geographical influences on caching and replication
- In-stream content modification (e.g., transcoding, pluggable services)
- Internet caching architecture and protocols

- Memory and storage management for content caches
- Overlay networks for content delivery
- Peer-to-peer caching and content delivery
- Peering and content services internetworking
- Security and availability of Web service architectures
- Streaming media caching
- Web workload analysis and characterization
- Wide-area upload and "content gathering"

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### Guidelines

Technical papers and synopses are welcome. Technical papers describe previously unpublished research results or empirical evaluations of current systems. Synopses are summaries of interesting new problems or approaches, or of standards or development efforts in progress. Technical papers are limited to 5000 words; synopses are limited to 3000 words. The Program Committee will judge submitted papers on relevance, significance, originality, clarity, and technical merit. We encourage authors to submit any technically sound contributions of interest. Please do not submit product marketing material or material that is previously published or under review elsewhere.

Accepted papers will be published in a proceedings distributed to participants and made available on the Web. We anticipate recommending selected papers for journal publication. Authors of accepted papers will present their work in 15-minute or 25-minute talks at the workshop, for synopses and technical papers respectively.

Please submit technical papers and synopses in PDF format through the submission form on the conference Website: <http://2003.iwcw.org>

### Proposals for Panels

WCW panels bring together researchers from industry and academia. These panels are an important element of WCW. Please send panel proposals in plain text by e-mail to the Program Chair ([douglass@acm.org](mailto:douglass@acm.org)).

### Important Dates

2003/05/22: Nominal deadline for submissions  
2003/05/29: Extended deadline: submissions due at 1700 PDT  
2003/07/24: Acceptance notification  
2003/08/28: Camera-ready papers due