CALL FOR PAPERS

Track on Internet Data Management

19th ACM Symposium on Applied Computing

March 14 – 17, 2004,   Nicosia, Cyprus

http://db.cs.pitt.edu/sac04

SAC 2004

For the past eighteen years, the ACM Symposium on Applied Computing has been a primary gathering forum for applied computer scientists, computer engineers, software engineers, and application developers from around the world. SAC 2004 is sponsored by the ACM Special Interest Group on Applied Computing, and is hosted by the University of Cyprus in Nicosia, Cyprus.

More information is available at the conference web site:
http://www.acm.org/conferences/sac/sac2004/

Aims and Scope of the Track on Internet Data Management

The Internet is gradually turning into a public ``utility'' in people's daily life, and the Web has served as a catalyst in this process. With more and more emerging applications and architectures on the Internet, such as sensor data acquisition, peer-to-peer data sharing and grid computing, it is essential to revitalize and enrich the Internet data management arena.

This track aims to examine the state of the art in Internet data management, focusing on emerging applications in addition to traditional web data management. The underlying theme of the track is in building systems that are easy to use and are scalable.   These usability/scalability issues will be considered in many dimensions: manageability, heterogeneity, performance, reliability, device capabilities, user behaviors, and data characteristics.

We solicit both regular research papers and application experience papers in an effort to bring together academics and industrial practitioners. Papers will be peer-reviewed by at least three members of the program committee.

Important Dates

Sep 5 – Paper submission
Oct 18 – Author notification
Nov 8 – Camera-ready

Track Co-chairs:

Marios Dikaiakos
University of Cyprus
http://www.cs.ucy.ac.cy/mdd

Alexandros Labrinidis
University of Pittsburgh
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About Cyprus

With a storied past 10,000 years long, Cyprus is an island of legends that basks year-round in the light of the warm Mediterranean sun. Today, Cyprus is a modern country that effortlessly marries European culture with ancient enchantment. Nicosia, the capital of Cyprus, has been the largest and most significant city of the country during the last 1000 years.

Topics of Interest

The topics of interest include, but are not limited to:
• web data integration
• semi-structured data management
• data routing / information filtering
• data management for web services
• querying the hidden web
• continuous/streaming web queries
• data-intensive internet applications
• query processing over sensor networks
• web caching and replication for dynamic data
• data management using peer-to-peer architectures
• data management for the grid
• data management for the wireless/mobile web
• web data quality

Paper submissions

Authors are invited to submit original, previously unpublished papers which fall into one of the following categories:
• Research
• Applications/Experience
• Industrial

We also solicit short demo descriptions of prototype systems.

All submissions will be handled electronically, at the web site for the track: http://db.cs.pitt.edu/sac04

Papers must be at most 15 double-spaced pages (8 for demo proposals) with at least 11pt font and 1 inch margins (about 5,000 words).