

Panel

Querying the Past, Present and Future: Where We Are and Where We Will Be

Moderator:

Ling Liu

Georgia Institute of Technology, USA

Panelists:

Andrei Z Broder

IBM T.J. Watson Research Center, USA

Carole Goble

University of Manchester, United Kingdom

Dieter Fensel

Digital Enterprise Research Institute (DERI),
Europe

Calton Pu

CERCS, Georgia Tech, USA

Abstract

This panel will focus on exploring future enhancements of Web technology for active Internet-scale information delivery and dissemination. It will ask the questions of whether the current Web technology is sufficient, what can be leveraged in this endeavor, and how a combination of ideas from a variety of existing disciplines can help in meeting the new challenges of large scale information dissemination. Relevant existing technologies and research areas include: active databases, agent systems, continual queries, event Web, publish/subscribe technology, sensor and stream data management. We expect that some suggestions may be in conflict with current, well-accepted approaches.