

Panel

Can Semantic Web be Made to Flourish?

Moderator:

David Wood
Software Memetics

Panelists:

Zavisa Bjelogrić
Co-founder, @semantics

Bernadette Hyland
Co-founder, Tucana Technologies

Prof. Jim Hendler
Director, MIND Lab, University of Maryland

Kanzaki Masahide
Consultant, Kanzaki.com

Abstract

This panel's objective will be to discuss whether the Semantic Web can be made to grow in a "viral" manner, like the World Wide Web did in the early 1990s. The scope of the discussion will include efforts by the World Wide Web Consortium's Semantic Web Best Practices & Deployment Working Group to identify and publish best practices of Semantic Web practitioners, and the barriers to adoption of those practices by a wider community. The concept of "best practices" as it applies to a distributed, diverse and partially-defined Semantic Web will be discussed and its relevance debated. Specifically, panelists will discuss the capability of standards bodies, commercial companies and early adopters to create a viral technology.

Panel

**Current Trends in the Integration
of Searching and Browsing**

Moderators:

Andrei Z Broder
IBM T.J. Watson Research Center, USA

Yoelle S. Maarek
IBM Research, Israel

Panelists:

Krishna Bharat
Google Inc.

Susan Dumais
Microsoft Research

Steve Papa
Founder and CEO, Endeca

Jan Pedersen
Chief Scientist, Yahoo Inc.

Prabhakar Raghavan
Senior Vice President and CTO, Verity, Inc.

Abstract

Searching and browsing are the two basic information discovery paradigms, since the early days of the Web. After more than ten years down the road, three schools seem to have emerged: (1) The search-centric school argues that guided navigation is superfluous since free form search has become so good and the search UI so common, that users can satisfy all their needs via simple queries (2) The taxonomy navigation school claims that users have difficulties expressing informational needs and (3) The meta-data centric school advocates the use of meta-data for narrowing large sets of results, and is successful in e-commerce where it is known as “multi faceted search”. This panel brings together experts and advocates for all three schools, who will discuss these approaches and share their experiences in the field. We will ask the audience to challenge our experts with real information architecture problems.

Panel

Do We Need More Web Performance Research?

Moderator:

Michael Rabinovich
AT&T Labs – Research, USA

Panelists:

Giovanni Pacifici
IBM Watson Research Center, USA

Michele Colajanni
University of Modena, Italy

Krithi Ramamritham
IIT Bombay, India

Bruce Maggs
CMU/Akamai, USA

Abstract

This panel will discuss the future and purpose of Web performance research, concentrating on the reasons for modest success in the adoption of research results in practice. The panel will in particular examine factors that hinder technology transfer in the Web performance area, consider examples of past successes and failures in this arena, and stimulate the discussion on how to make Web performance research more relevant.

Panel

Mobile Multimedia Services

Moderator:

Behzad Shahraray
AT&T Labs – Research, USA

Panelists:

Wei-Ying Ma
Microsoft Research, USA

Avideh Zakhor
University of California,
Berkeley, USA

Noboru Babaguchi
Osaka University, Japan

Abstract

This panel will mainly focus on the role that media processing can play in creating mobile communications, information, and entertainment services. A major premise of our discussion is that media processing techniques go beyond compression and can be employed to monitor, filter, convert, and repurpose information. Such automated techniques can serve to create personalized information and entertainment services in a cost-effective way, adapt existing content for consumption on mobile devices, and circumvent the inherent limitations of mobile devices. Some examples of the applications of media processing techniques for mobile service generation will be given.

Panel

On Culture in a World-Wide Information Society: Toward the Knowledge Society – The Challenge

Moderator:

Alfredo M. Ronchi
Politecnico di Milano, Milano Italy

Panelists:

Lynn Thiesmeyer
Keio University, Tokyo,
Japan

Antonella Quacchia
International Labor Office,
Geneve, Swiss

Georges Mihajes
Oslo Platform, Oslo, Norway

Katsuhiko Onoda
Foundation for Computer & Communication
Promotion, Japan

Ranjit Makkuni
Sacred World Foundation,
New Delhi - India

Abstract

Starting from more than ten years of experience and achievements in online cultural content, the panel aims to provide a comprehensive view on controversial issues, or unsolved problems, both in the WWW and Cultural community to stimulate lively, thoughtful, and sometimes provocative discussions. Panelists will outline the relevance of digital collections of intangible heritage and endangered archives and discuss the following topics: the “global” Web vs. the preservation of “local” cultural identities, cultural diversities and their relevance in delivering web based services, preservation & future of digital memories, Web-based development and sustainability models. We expect the panelists to actively engage the audience and help them broaden their understanding of the issues.

URL: http://www.medicif.org/Events/MEDICI_events/WWW2005/default.htm

Panel

Exploiting the Dynamic Networking Effects of the Web

Moderator:

Ramesh Sarukkai
Yahoo, USA

Panelists:

Prof. Soumen Chakrabarthy
Professor, IIT Bombay

Dr. Gary William Flake
Head of Research Labs, Yahoo!

Dr. Narayanan Shivakumar
Director of Ad Systems, Google

Prof. Asim M. Ansari
Professor, Columbia Business School

Abstract

This panel aims to explore the dynamic networking effects of the Web. Today, linkages on the Web are augmented with dynamic connectivities based on various monetization strategies: e.g. ads and sponsored links. Such linkages change the dynamics of user click/flow on the Web. The key focus of this panel is to debate whether/how such dynamic effects on the Web can be modeled and best exploited. How can we derive cooperative placement strategies that are optimal from a customer perspective? As the World Wide Web becomes more dynamic with fluid link placements guided by different factors, optimizing link placement in a cooperative fashion across the Web will be an integral and crucial component. URL: <http://research.yahoo.com/workshops/www2005/NetworkingEffectsWeb/>

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.

Panel

Web Engineering: Technical Discipline or Social Process?

Moderator:

Bebo White

Stanford Linear Accelerator Center, USA

Panelists:

David Lowe

University of Technology, Sydney

Martin Gaedke

University of Karlsruhe

Daniel Schwabe

PUC Rio de Janeiro

Yogesh Deshpande

University of Western Sydney

Abstract

This panel aims to explore the nature of the emerging Web engineering discipline. It will attempt to strongly engage with the issue of whether Web Engineering is currently, and (more saliently) should be in the future, viewed primarily as a technical design discipline with its attention firmly on the way in which Web technologies can be leveraged in the design process, or whether it should be viewed primarily as a socio-positioned discipline which focuses on the nature of the way in which projects are managed, needs are understood and users interact.

Panel

Web Services Considered Harmful?

Moderator:

Rohit Khare

CommerceNet Labs, USA

Panelists:

Jeff Barr

Amazon Web Services

Mark Baker

Developer's Day Chair

Adam Bosworth

Google

Tim Bray

Sun Microsystems

Jeffery McManus

eBay Web Services

Abstract

It has been estimated that all of the Web Services specifications and proposals (“WS-*) weigh in at several thousand pages by now. At the same time, their predecessor technologies such as XML-RPC have developed alongside other “grassroots” technologies like RSS. This debate has arguably even risen to the architectural level, contrasting “service-oriented architectures” with REST-based architectural styles. Unfortunately, the multiple overlapping specifications, standards bodies, and vendor strategies tend to obscure the very real successes of providing machine-automatable services over the Web today. This panel asks: Are current community processes for developing, debating, and adopting Web Services are helping or hindering the adoption of Web Services technology?

URL: <http://labs.commerce.net/wiki/images/1/19/CN-TR-04-05.pdf>