"The future of web standards, HTML5, XHTML and semantic technologies"

The World Wide Web Consortium (W3C) in partnership with CSIRO, NICTA and W3C Australia bring you a series of talks by two international experts, Ivan Herman and Mike (tm) Smith, who will be touring the east coast of Australia in May sharing the latest developments in web standards. Join them to find out more about how these technologies will be transforming the web and the impact on your work and business.

The presentations will focus on two types of issues, public interest and research. The public interest is targeted at developers, designers and managers of web technologies. They serve as an introduction and provide some deeper insights into W3C technologies.

The research presentations are focused on giving researchers or early adopters of technology a deep dive into technologies. Here a state of the art in semantic technologies and the new HTML 5 validator will be discussed.

Details of presentation content and the speakers is over the page.

For further information about the events please visit:
http://www.w3c.org.au/events/may2009.html

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Event dates

**Brisbane** Tuesday 12 May
Research presentation, 1:00pm - 3:30pm, Queensland Biosciences Precinct (QBP), 306 Camoody Road, St Lucia Campus (Auditorium, Level 3)
Public interest presentation, 6:30pm for 7:00pm start, Southbank Institute of Technology, room C1206

**Sydney** Wednesday 13 May
Public interest presentation, 6:30pm for 7:00pm start, The Australian Museum, 6 College Street, Sydney (enter via William Street entrance)

**Canberra** Friday 15 May
Research presentation, 10:00am - 12:30pm, Australian National University, room S206 (The CSIRO side of the Department of Computer Science building, Building 108)
Public interest presentation, 2:30pm - 4:30pm, Bunker Theatre, Department of Environment, Water, Heritage and the Arts, John Gorton Building, King Edward Terrace, Parkes

**Hobart** Monday 18 May
Research presentation, 10:00am - 12:30pm, CSIRO Auditorium

**Hobart** Tuesday 19 May
Public interest presentation, 5:00pm - 7:00pm, Stanley Burbury Theatre, University of Tasmania

**Melbourne** Wednesday 20 May
Public interest presentation, 6:30pm for 7:00pm start, Loop Bar, 23 Meyers Place, Melbourne CBD
Public interest presentations

Introduction and Applications of Semantic Web
By Ivan Herman

This presentation will give an introduction to the main ideas behind the Semantic Web, also known as Web of Data. The talk gives motivation and highlights real life problems that have led to this line of research and development.

The presentation also includes application examples on how this technology is used by different organizations and institutions.

HTML5, XHTML2: Learning from history about how to drive the future of the Web
By Mike(tm) Smith

For several years (up until 2007), W3C efforts at producing the next major version of a markup language for the Web focused exclusively on work to develop the XHTML2 language. But since 2007, the W3C has once again turned its attention back to HTML—the original language of the Web (and the language in which all existing Web content is still written)–as represented by the HTML5 specification. This talk takes a look at both the HTML5 and XHTML2 work, while providing details about the history behind the development of both languages, and insights into where the fit in the future of the Web.

Research presentations

State of Semantic Web Technologies
By Ivan Herman

This presentation will give an overview of the current state of Semantic Web and will concentrate on the latest developments in the field, as well as on some of the challenges that still remain.

validator.nu: A next-generation markup validator for the Web
By Mike(tm) Smith

Among the goals of the HTML5 effort are to promote development of common, interoperable HTML parsing libraries and conformance-checking tools. This talk presents details about the validator.nu project, which is an effort to produce both a interoperable HTML5 parsing library and a state-of-the-art validator to test conformance of HTML document instances against the constraints given in the HTML5 specification.

About the speakers

Ivan Herman

Ivan Herman graduated as mathematician at the Eötvös Loránd
University of Budapest, Hungary, in 1979. Ivan joined the W3C Team as Head of W3C Offices in January 2001 while maintaining his position at Centre for Mathemati-
ces and Computer Sciences. He served as Head of Offices until June 2006, when he was asked to take the Semantic Web Activity Lead position, which is now his principal work at W3C. Since autumn 2007 Ivan is also a member of SWSA (Semantic Web Science Association), the committee responsible for the International Semantic Web Conferences series. More details on http://www.w3.org/people/ivan or http://www.ivan-herman.net

Mike(tm) Smith

Mike(tm) Smith joined the W3C in 2007 as part the W3C Mobile Web Initiative. He's now involved with work on standards closely related to browsing technologies; in particular, the phenomenon known as HTML5, as well as other standards related to APIs for Web applications. He's been based in Tokyo since 2001. Prior to joining the W3C, he worked for Opera Software and prior to that, for Openwave Systems — most of that time involved with design, development, testing, and deployment of software for mobile operators. More details on http://people.w3.org/mike

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