

WEB ACCESSIBILITY & USABILITY

The power of the Web is in its universality. Access by everyone regardless of disability is an essential aspect.

- Tim Berners-Lee, W3C Director and inventor of the World Wide Web

Thursday 13 May 2010

The W F Faulds VC Conference and Function Centre,
South African Museum of Military History, Erlswold Way,
Saxonwold, Johannesburg

Who Should Attend:

Webmasters, web-developers, web-development team leaders, corporate communications professionals and business managers, web editors, content authors, web programmers and designers and web contract managers, mobile designers.

The aim of this conference is to create awareness and educate web designers on how to further cater for people with disabilities and the workshop will deal with testing of accessibility. There will also be practical testing during the workshop.

Following is a list of some disabilities and their relation to accessibility issues on the Web

- visual disabilities
 - * blindness
 - * low vision
 - * color blindness
- hearing impairments
 - * deafness
 - * hard of hearing
- physical disabilities
 - * motor disabilities

- speech disabilities
 - * speech disabilities
- cognitive and neurological disabilities
 - * dyslexia and dyscalculia
 - * attention deficit disorder
 - * intellectual disabilities
 - * memory impairments
 - * mental health disabilities
 - * seizure disorders
- multiple disabilities
- aging-related conditions

Beyond disabilities: This workshop will also help you make your sites more usable to other groups such as: Users of mobile phone, Web-TV & kiosks. low bandwidth users, users in a noisy environment, users with "screen glare", users who are driving or travelling, users with a low literacy level, second language access and users with different learning styles.

Dealing with accessibility issues also improves: Page transmission and site maintenance, machine indexing of content and searching of content.

Supported by:



Event Organiser: Classic Events

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WEB ACCESSIBILITY CONFERENCE

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07:30 Registration & Early Morning Coffee

08:30 Welcome & Opening Remarks from the Chairperson
Dr Quentin Williams, Manager, **W3C Southern African Office**

08:45 Keynote address: Moving towards an accessible web for all

- The bigger picture - An overview of Web Accessibility: Where are we currently and How does this really help People with Disabilities
- The W3C aims and objectives globally and in Africa
- Employment opportunities for disabled persons in Southern Africa and the Web as a key tool to this

Dr Quentin Williams, Manager, **W3C Southern African Office**

09:30 Case Study: RSG Website

- Who is RSG and what is their mandate
- What were our objectives
- The process, time line, issues experienced
- The success so far
- Feedback from RSG webmaster
- Some thoughts on the future

Linda Ravenhill, MD, **iCognition**

10:00 Morning Coffee

10:30 Practical Insight Session: From my perspective

- A little about me and the challenges I face
- Company policy and Intranets – the future and legislation
- My favourite sites and most used
- Tagging of photographs & graphics and descriptive tagging
- My worst and most frustrating sites
- The opportunities and my wish list

Bonita Blankenberg, Interactive Communication Specialist, **Nestle**

11:00 Case Study: Web Accessibility at the Nelson Mandela Metropolitan University

- The website, the staff and student portals, and mobile accessibility
- Accessibility and usability studies done on our portal
- Tools used to test accessibility and some standard features we incorporate
- Technical challenges and considerations and what we did to overcome them
- Useful sites deserving mention

Dr Thomas Hilmer, Webmaster, **Nelson Mandela Metropolitan University**

11:30 Case Study: Accessibility Excellence at The National Accessibility Portal and Technical Considerations

- Introducing NAP and its vision
- Describe objective of the NAP portal application

- Comparing first world and third world contexts and its implication for NAP
- Highlighting issues re. accessibility and the Web as well as web content
- Technical approaches and solutions
- Accessibility testing (automatic and in person)
- Tips
- Lessons learnt and advice

Dr Louis Coetzee, Systems Architect, and **Ilse Viviers**, Senior Developer, NAP & Intelligent Environments for Independent Living, **Meraka Institute**, **CSIR**

12h15 Lunch

13:15 Key Trends in Usability in Southern Africa and Mobile usability

- Experiences at ABSA, Standard Bank & MTN
- Key trends amongst users
- Mobile
- Mobile usage patterns
- Behaviours and mental-models
- Web vs. Mobile
- Mobile design considerations, elements that work and don't work and why

Helga Letowt-Vorbek, Managing Director, **Mantaray-it**

14:00 WORKSHOP – Testing for Accessibility

Methodology to Improve Accessibility of Websites – Assessing & Testing

This workshop will introduce a methodology to improve the accessibility of websites with the use of free so-called automatic tools. The methodology has three iterative phases, namely assessing a website against accessibility guidelines, user testing and creating in-house 'guidelines' to prevent similar mistakes in future versions of the system.

The workshop will introduce:

- Incorporating a light-weight methodology into the software development cycle to improve accessibility;
- How we can use free tools to assess the accessibility of a website, specifically:
 - * The use of colour;
 - * Adherence to various accessibility guidelines and priorities;
 - * Readability or comprehensibility of the text;
 - * Comprehensibility and whether a user can navigate the system using a screen reader
- Conducting user testing after assessing the accessibility of the website with the tools;
- Creating your own in-house guidelines to prevent similar mistakes in future version of the same system, or even new systems.

Marde Greeff, **Meraka Institute of the CSIR**

16:30 End of Day

WORLDWIDE

Registration Form

(Please photocopy form if more than three delegates)

Attention: Classic Events

Fax: 086-514-5412/546-3091

Email: nigel@classicevents.co.za

Tel: 011-782 9526/782 6355/782 9984

Address: P.O. Box 291765, Melville, 2109

Web Accessibility & Usability

DATE: 13 May 2010

FEE per delegate

Inclusive of course materials, refreshments and lunch.
All prices inclusive of VAT.

**20% early bird discount if booked and paid by 31 March 2010 is R1974-00.
There after: R2474-00**

VENUE: The W F Faulds VC Conference and Function Centre, South African Museum of Military History, Erlswold Way, Saxonwold, Johannesburg

REGISTRATION DETAILS

Delegate Name & Title: _____

Job Title: _____

E-Mail: _____

Delegate Name & Title: _____

Job Title: _____

E-Mail: _____

Delegate Name & Title: _____

Job Title: _____

E-Mail: _____

Company/Organisation: _____

Amount Payable: R _____

VAT Number: _____

Physical Address: _____

_____ **Postal Code:** _____

Postal Address: _____

_____ **Postal Code:** _____

Telephone: _____

Fax: _____

Email: _____

Signing this form entails your understanding of the Registration and Payment requirements:

- A confirmation letter and invoice will be faxed/mailed to you upon receipt of your registration form, reserving your seat/s.
- Kindly make payment to guarantee your seat/s as non payment may result in your seat allocated to someone else
- Electronic payment/direct deposit can be made to **Standard Bank Account #: 401 025 500. Account Name: Classic Exhibitions & Conferences cc. Branch: Melville. Branch Code: 006105.** Kindly indicate company/delegate name/invoice as reference
- Please make cheque payable to: **Classic Exhibitions & Conferences**
- An official receipt of your payment will be provided, only upon request.
- A certificate of attendance will be provided, only upon request.
- No cancellation and refund given within seven days prior to the event date but replacement delegate can be sent.
- No refund given if delegate did not show up at event but course materials, if any, can be sent.
- Organiser reserves the right to change venue, date, programme and/or speaker/s if circumstances require.
- Organiser will refund payment if event is cancelled. If cancellation is not caused by organiser i.e. natural causes, regret no refund will be provided.
- Please inquire if you need special lunch i.e. vegetarian, kosher, halaal etc, accommodation or disabled facilities

Signature: _____

Submitted By: _____

Organisation / Company: _____

Date: _____