

**XML UK** are pleased to announce their next conference...



# Graphics, Visualisation and XML

**Thursday 21<sup>st</sup> February 2002**  
**Rutherford Appleton Laboratory**  
**Chilton, Didcot**  
**Oxon, UK**

Hosted by **W3C Office in the UK** and **CLRC**  
Organised by **RivCom**

**David Brailsford** <http://broadway.cs.nott.ac.uk/projects/SVG/>  
**David Duce** <http://www.cms.brookes.ac.uk/~p0072753/daduce.htm>  
**Bob Hopgood** <http://www.w3.org/People/frah/>  
**Benedicte Le Grand** <http://www-rp.lip6.fr/~blegrand/indexEng.html>  
**Michael Wilson** <http://www.bitd.clrc.ac.uk/Person/M.D.Wilson>

09:30 – 10:30		registration & coffee
10:30 – 11:15	<b>Bob Hopgood</b>	<b>The Road to XML-based Graphics</b>
11:15 – 11:45		coffee
11:45 – 12:30	<b>David Duce</b>	<b>SVG – Animation and Interaction</b>
12:30 – 13:00	<b>David Brailsford</b>	<b>A PERL Library for Creating SVG ‘On the Fly’</b>
13:00 – 14:00		lunch
14:00 – 14:45	<b>XML UK members</b>	<b>XML and Graphics Showcase</b>
14:45 – 15:30	<b>Benedicte Le Grand</b>	<b>XML Topic Maps Visualisation</b>
15:30 – 16:00		tea
16:00 – 16:30	<b>David Brailsford</b>	<b>Reconciling Web-based and Page-based Digital Documents – Is SVG the Way Ahead?</b>
16:40 – 17:30	<b>chair: Michael Wilson</b>	<b>Panel Discussion</b>
17:30		close

## Exhibition

During the day there will be an exhibition area with company stands. If you would like to exhibit, please contact the exhibition organiser, Nigel Bray [npbray@globalnet.co.uk](mailto:npbray@globalnet.co.uk).

## XML and Graphics Showcase

XML UK members who have been working with XML and graphics are invited to show examples of recent work (5-10 minute presentations). If you would like to be included in this part of the programme, please contact the event organiser, Mark Stone [mark.stone@rivcom.com](mailto:mark.stone@rivcom.com) with details of your proposed presentation.

## Rutherford Appleton Laboratory

Rutherford Appleton Laboratory is close to Didcot, roughly mid-way between Oxford, Reading and Swindon. It is about 50 mins from London by train, and 90 mins by car. A free coach service between Didcot railway station and RAL will be available on the day. Full details from <http://www.xmluk.org>.

**Registration: £105/£80/£55**  
<http://www.xmluk.org>

## The Road to XML-based Graphics

**Bob Hopgood**

School of Computing and Mathematical Sciences, Oxford Brookes University  
<http://www.wcms.brookes.ac.uk/>

The presentation will briefly describe the various graphics systems that have been developed by W3C for the Web, give some history of how the SVG effort was started and give an Overview of the main features of SVG.

**Bob Hopgood** <http://www.btinternet.com/~frank.hopgood/> has been involved with computer graphics since 1959. He was a member of the BSI Standards Committee that defined the set of ISO graphics standards in the 1970s and 80s. He has been involved with the World Wide Web for many years being the Rutherford Appleton Laboratory's W3C Advisory Committee member starting in 1994. While at RAL he worked closely with W3C in establishing the W3C European Offices. He then worked for W3C as Head of Offices worldwide. He has been a member of the W3C Working Group on graphics standards that developed PNG, WebCGM and SVG.

## SVG – Animation and Interaction

**David Duce**

School of Computing and Mathematical Sciences, Oxford Brookes University  
<http://www.wcms.brookes.ac.uk/>

This presentation will describe the SVG capabilities for describing animations. It is also possible to interact with an SVG presentation through a scripting interface, using a scripting language such as JavaScript. The presentation will outline the SVG DOM scripting interface and illustrate how it can be used to construct interactive presentations.

**David Duce** <http://www.wcms.brookes.ac.uk/~p0072753/daduce.htm> has been involved in computer graphics for some 25 years. He contributed to the development of the ISO/IEC standards, GKS and PHIGS, and more recently has contributed to the development of the Scalable Vector Graphics (SVG) Recommendation in W3C. He is Professor of Computer Science at Oxford Brookes University and Course Tutor for the MSc course in Web Technologies.

## A PERL Library for Creating SVG 'On the Fly'

**David F. Brailsford**

Electronic Publishing Research Group, School of Computer Science, University of Nottingham  
<http://broadway.cs.nott.ac.uk/projects/SVG/>

Web sites are increasingly using XML based tagsets and technologies to create information dynamically, in response to users' requests or their navigational profiles. Dynamically created SVG will enable customised vector-based SVG to be used in Web situations where, currently, pre-prepared bitmap artwork (GIF, JPEG) is the only choice.

**Prof. Brailsford** <http://broadway.cs.nott.ac.uk/projects/SVG/> has been researching into the "structural" and "display" aspects of digital documents for more than 20 years. The recent development of SVG gives important insights into the challenges of reconciling these two approaches.

## XML and Graphics Showcase

**XML UK members**

XML UK members who have been working with XML and graphics are invited to show examples of recent work (5 – 10 minute presentations). If you would like to be included in this part of the programme, please contact the event organiser, Mark Stone [mark.stone@rivcom.com](mailto:mark.stone@rivcom.com) with details of your proposed presentation.

## XML Topic Maps Visualisation

**Benedicte Le Grand**

Laboratoire d'Informatique de Paris 6 (LIP6)  
<http://www.lip6.fr/index-eng.html>

After first describing the basic concepts of Topic Maps, this presentation will compare existing Topic Maps visualisation tools. It will study the advantages and limits of each approach and will propose new types of visualisation and navigation, based on Conceptual Analysis and Virtual Reality techniques.

**Benedicte Le Grand** <http://www-rp.lip6.fr/~blegrand/indexEng.html> is finishing her PhD in Computer Sciences at LIP6 (Laboratoire d'Informatique de Paris 6). Her research deals with Virtual Reality and its use for complex systems visualization. She focuses on information retrieval and navigation on the Web. She has been working on Topic Maps characterization and visualization for several years and is a founding member of TopicMaps.Org.

## Reconciling Web-based and Page-based Digital Documents – Is SVG the Way Ahead?

**David F. Brailsford**

Electronic Publishing Research Group, School of Computer Science, University of Nottingham  
<http://broadway.cs.nott.ac.uk/projects/SVG/>

Two very important multi-platform digital document standards are HTML (including newly emerging XML and stylesheet technologies) and Adobe's Acrobat/PDF. Traditional Web markup has no innate concept of "pages" or "graphic sophistication", whereas PDF is entirely built around these ideas. Does SVG point the way ahead in reconciling these two extremes?

## Panel Discussion

**Chair: Michael Wilson**

W3C UK Office <http://www.w3.org>  
CLRC <http://www.clrc.ac.uk>

The day will close with a panel discussion with all the speakers, chaired by Michael Wilson.

**Michael Wilson** <http://www.bitd.clrc.ac.uk/Person/M.D.Wilson> is Chair of the W3C Office in the UK. He is a full time researcher at the CLRC Rutherford Appleton Laboratory with a research history in computing stretching back 20 years. He was a member of the W3C working group that developed the SMIL W3C recommendation for synchronising multimedia, and has lead the virtual reality and advanced hypermedia groups at RAL.

# BOOKING FORM & PRO FORMA INVOICE

## XML UK – ‘Graphics, Visualisation and XML’ conference 21 Feb 2002

Please complete this form in BLOCK CAPITALS and return with cheque in payment, or fax with Remittance Advice to:

**Yvonne Vine, Copse House, 15 Upton Close, Swindon, Wilts SN25 4UL**  
**Email: [admin@xmluk.org](mailto:admin@xmluk.org) Tel: +44 (0)1793 721106 Fax: +44 (0)1793 721106**

**All registrations must be received by 5.30 pm on Monday 18<sup>th</sup> February, 2002.**  
**Please read ‘SPECIAL NOTE’ overleaf regarding registration.**

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

### DELEGATES / EXHIBITORS AND SPECIAL REQUIREMENTS (please enter names)

1.		Requires a vegetarian meal at lunch	<input type="checkbox"/>
		Requires transfer by coach between Didcot Parkway station and RAL	<input type="checkbox"/>
2.		Requires a vegetarian meal at lunch	<input type="checkbox"/>
		Requires transfer by coach between Didcot Parkway station and RAL	<input type="checkbox"/>
3.		Requires a vegetarian meal at lunch	<input type="checkbox"/>
		Requires transfer by coach between Didcot Parkway station and RAL	<input type="checkbox"/>
4.		Requires a vegetarian meal at lunch	<input type="checkbox"/>
		Requires transfer by coach between Didcot Parkway station and RAL	<input type="checkbox"/>

### PAYMENT DETAILS

(please enter number of delegates in appropriate categories and amount remitted)

Number of Delegates	Category and fee	£ Total
	XML UK Member (max 2) £55	£
	EPSG Member (max 2) £55	£
	Additional XML UK or EPSG Corporate Member £80	£
	Neither XML UK nor EPSG Member £105	£
	XML UK / EPSG Member Exhibitor £145*	£
	Non Member Exhibitor £245*	£
	<b>Total delegates</b>	<b>Amount payable £</b>

- Exhibitor fees include **one** delegate – please confirm name of person manning exhibition stand. Additional delegates will be charged at appropriate rate.

**XML UK Membership fees: £50 individual/£100 corporate. Contact Yvonne Vine above for details.**

**NOTE: Bookings will not be accepted unless accompanied by payment. Terms and conditions overleaf.**

**Please treat the form overleaf as a pro forma invoice.**

**Cheques to be made payable to "XML UK". Receipts will be issued on request.**

**To make payment via BACS/Swift please use following bank details:**

**Bank:** National Westminster Bank plc, Lambeth North Branch, POBox 7929, 91 Westminster Bridge Road, London SE1 7ZB

**Sort Code:** 60-60-04

**Account:** 13229931

**Account Name:** XML UK

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#### **Registration Details**

To register, please complete the booking form and send it together with payment (or fax with remittance advice if paying by bacs/swift) to the conference administrator, Mrs Yvonne Vine, at the address below. The conference fee includes lunch and all refreshments and coach transfer (please indicate if required), from Didcot Station.

If registering more than four delegates, please complete additional copies of the form for additional delegates.

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#### **Terms and Conditions of Booking**

**CONFIRMATION:** Written confirmation will be forwarded together with joining instructions directly to the delegates unless otherwise specified. We regret that we are unable to accept or confirm bookings over the telephone.

**CANCELLATION:** If a booking is cancelled within 10 working days of the conference we reserve the right to deduct our costs from the refund. NO REFUNDS can be given to delegates cancelling within two working days of the conference or through failure to attend. Substitute delegates are welcome at no extra charge (provided that notification is received within two working days of the conference. Please confirm cancellations in writing or by fax.

**SPECIAL NOTE:** **Because of the current international situation affecting all government establishments, including RAL, we regret we will not be able to take registrations or substitutions 'on the door'. RAL requires all delegates to wear an appropriate badge (which will be supplied) and for us to submit a definitive list of delegates 48 hours in advance of the conference.**

**YOU MUST REGISTER BY 5.30 PM ON MONDAY 18TH FEBRUARY, 2002, IN ORDER TO BE ADMITTED TO THIS MEETING.**

**LIABILITY:** The conference organisers will not accept any responsibility for damage to property or injury to persons during the entire event.

**NOTE:** It may be necessary for reasons beyond our control to change the content or timing for the programme, the speakers or the venue. Every effort will be made to avoid changes and to provide appropriate substitutions if necessary.

**Conference Administrator: Mrs Yvonne Vine**  
**XML UK, Copse House, 15 Upton Close, Swindon, Wilts. SN25 4UL**  
**Email: [admin@xmluk.org](mailto:admin@xmluk.org)**  
**Tel: +44 (0)1793 721106 Fax: +44 (0) 1793 721106**