

4th Annual

OASIS 

# OPEN STANDARDS

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25-27 October 2006  
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# Program schedule at a glance

Wednesday October 25		Thursday October 26		Friday October 27				
9:30 to 11:00	<b>Enterprise Architecture for business integration</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>Microformats, make semantic markup for today's web sites</b> <b>John Allsopp</b> Western Civilisation	<b>XML and XPath for developers</b> <b>Christophe Lauret</b> Allette Systems	9:30 to 10:10	<b>Opening Keynote Presentations</b>  <b>Patrick Gannon</b> OASIS	<b>Track 1</b>  <b>XML in the government tender process</b> <b>Stephen Gould</b> Open Interchange Consortium	<b>Track 2</b>  <b>XML Forecasting Objects</b> <b>Steve Ball</b> Zveno	
	<b>Enterprise Architecture for business integration</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>Microformats, make semantic markup for today's web sites</b> <b>John Allsopp</b> Western Civilisation	<b>XML and XPath for developers</b> <b>Christophe Lauret</b> Allette Systems					
20 min	COFFEE BREAK		COFFEE BREAK		COFFEE BREAK		COFFEE BREAK	
11:20 to 12:30	<b>Enterprise Architecture for business integration</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>Microformats, make semantic markup for today's web sites</b> <b>John Allsopp</b> Western Civilisation	<b>XML and XPath for developers</b> <b>Christophe Lauret</b> Allette Systems	11:15 to 11:55	<b>Track 1</b>  <b>The ATCO's Standard Business Reporting project</b> <b>Darren Menachemson</b> Australian Taxation Office	<b>Track 2</b>  <b>OASIS SAML v2.0 in the NZ Government</b> <b>Bill Young</b> State Services Commission, NZ	<b>Track 2</b>  <b>Supporting multiple languages using XML and XLIFF</b> <b>Bhushan Khaladkar</b> Oracle Corporation	
	<b>Enterprise Architecture for business integration</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>Microformats, make semantic markup for today's web sites</b> <b>John Allsopp</b> Western Civilisation	<b>XML and XPath for developers</b> <b>Christophe Lauret</b> Allette Systems					
12:00 to 12:40	<b>XML in support of law enforcement efforts</b> <b>Jodie Camden</b> Police Information Exchange	<b>Improved quality and project management through XML Governance</b> <b>Rick Jelliffe</b> Topologi	<b>Policy-driven governance in a Service Oriented Architecture (SOA) world</b> <b>Paul Pogonoski</b> Japara Solutions	12:00 to 12:40	<b>Track 1</b>  <b>Policy-driven governance in a Service Oriented Architecture (SOA) world</b> <b>Paul Pogonoski</b> Japara Solutions			<b>Track 2</b>  <b>Policy-driven governance in a Service Oriented Architecture (SOA) world</b> <b>Paul Pogonoski</b> Japara Solutions
1 hour	LUNCH		LUNCH		LUNCH		LUNCH	
1:30 to 3:00	<b>Enterprise Architecture for technology integration</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>XML schemas</b> <b>Rick Jelliffe</b> Topologi	<b>Methods for XML Governance</b> <b>Marcus Carr</b> Allette Systems	1:45 to 2:25	<b>Enterprise Integration using Enterprise Architecture, Web Services and SOA</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>Developing sites with standards</b> <b>Russ Weakley</b> Max Design	<b>Using reference models to speed the implementation of standards</b> <b>Barry Thomas</b> LIXI	
	<b>Enterprise Architecture for technology integration</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>XML schemas</b> <b>Rick Jelliffe</b> Topologi	<b>Methods for XML Governance</b> <b>Marcus Carr</b> Allette Systems					
2:30 to 3:10	<b>End-to-End Resource Planning (ERP) and SOA</b> <b>Andy Lee</b> Changfeng Alliance	<b>Microformats – a revolution in semantics for today's web</b> <b>John Allsopp</b> Western Civilisation	<b>Modelling business processes in the leading industry</b> <b>Paul Mackie</b> National ICT Australia	2:30 to 3:10	<b>Track 1</b>  <b>Using reference models to speed the implementation of standards</b> <b>Barry Thomas</b> LIXI			<b>Track 2</b>  <b>Modelling business processes in the leading industry</b> <b>Paul Mackie</b> National ICT Australia
20 min	COFFEE BREAK		COFFEE BREAK		COFFEE BREAK		COFFEE BREAK	
3:20 to 4:30	<b>Enterprise Architecture for technology integration</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>XML schemas</b> <b>Rick Jelliffe</b> Topologi	<b>Methods for XML Governance</b> <b>Marcus Carr</b> Allette Systems	3:30 to 4:10	<b>Applied software business Enablement Markup Language (e-XML)</b> <b>Steve Capell</b> Red Wahoo	<b>What's new in XML 2.0?</b> <b>Christophe Lauret</b> Allette Systems	<b>Closing Keynote Presentations</b>  <b>The document formats landscape 2005</b>  <b>Jason Harrop</b> Consultant  <b>Greg Stone</b> Microsoft	
	<b>Enterprise Architecture for technology integration</b> <b>Clive Finkelstein</b> Information Engineering Services	<b>XML schemas</b> <b>Rick Jelliffe</b> Topologi	<b>Methods for XML Governance</b> <b>Marcus Carr</b> Allette Systems					
4:15 to 4:55	<b>The value of standards for e-Business</b> <b>Tim McGrath</b> UBL	<b>Building rich applications with XUnit</b> <b>Philip Rutherford</b> Weborganic Systems		4:15 to 4:55	<b>Track 1</b>  <b>Building rich applications with XUnit</b> <b>Philip Rutherford</b> Weborganic Systems			<b>Track 2</b>  <b>The value of standards for e-Business</b> <b>Tim McGrath</b> UBL

# Registration form and information

## Delegate 1

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Phone: \_\_\_\_\_

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

Conference  Tutorials  Combined package

Tutorials (please specify): \_\_\_\_\_

## Delegate 2

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Phone: \_\_\_\_\_

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

Conference  Tutorials  Combined package

Tutorials (please specify): \_\_\_\_\_

## Delegate 3

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Phone: \_\_\_\_\_

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

Conference  Tutorials  Combined package

Tutorials (please specify): \_\_\_\_\_

## Company details

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

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

Country: \_\_\_\_\_

Contact for billing: \_\_\_\_\_

Phone: \_\_\_\_\_

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

## Payment details

Please invoice me

Our purchase order number or reference: \_\_\_\_\_

I enclose a cheque payable to Allette Systems   
(Australian dollars only please)

Please debit my credit card:

Bankcard  Mastercard  Visa  Amex  Diners

Card number: \_\_\_\_\_

Name on card: \_\_\_\_\_

Card expires: \_\_\_\_/\_\_\_\_ Amount to debit: \_\_\_\_\_

Signed: \_\_\_\_\_

Please mail or fax the completed form to us – see opposite for contact details.

## About the conference

Interest in open standards by the world's leading technology companies has never been stronger. There is unprecedented investment in standards-based solutions that is broadening the base of available software and improving the interoperability of applications and portability of data. Where only a few short years ago value was measured by proprietary benchmarks such as patents, value is now also measured by support for open technology.

Despite this progress, as experienced managers and developers already realise, standards carry their own particular constraints and limitations. It is in this context that OASIS Open Standards 2006 will focus on real world issues such as implementation, integration and migration. Now in its fourth year, this event continues to provide Asia Pacific's best opportunity to hear from the world's leading IT standards experts.

## Who should attend?

Featuring presentations from organisations such as OASIS, LIXI, ISO and others, OASIS Open Standards 2006 is the premier conference for IT professionals trying to understand the strategic directions that open standards are taking.

## Costs

Conference only:	\$895
Tutorials only:	\$400
Combined package:	\$1095

Please note: All prices include GST. Aud \$1 = approx. USD \$0.75

## Exhibiting

Our exhibition area represents an excellent opportunity to market to those who truly make decisions in your industry.

### Exhibition and sponsorship manager – Grant Nobes

Tel: +61 7 3268 2895

Email: exhibit@open-standards.com

## Further information

Website: www.open-standards.com

Email: general-info@open-standards.com

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Australia

OASIS Open Standards is presented by Allette Systems in association with OASIS – www.oasis-open.org

# Wednesday October 25 > Tutorials

9:30

Morning Tutorials

## Enterprise Architecture for business integration

**Clive Finkelstein – Information Engineering Services**

This tutorial will cover rapid delivery methods for Enterprise Architecture that enable integrated databases and reusable processes to be delivered into production in 3-month increments.

You will learn: how business integration and enterprise integration can both be achieved in an era of rapid business change; what is needed for rapid delivery of priority business processes into production in 3-month increments; and how project plans can be derived from data models for rapid delivery into production of priority business activities and business processes.

## Microformats – richer semantic markup

**John Allsopp – Western Civilisation**

Microformats use simple markup derived from existing open standards to enrich web pages with meaningful semantic content.

This hands-on workshop introduces the key concepts and principles of microformats, then explores several useful microformats. Upon completion, attendees will be able to enhance web pages with rich markup for contact details, event information and other common web based content. They will also learn how to adopt new microformats as required.

## XSLT and XPath for developers

**Christophe Lauret – Allette Systems**

Extensible Stylesheet Language Transformations (XSLT) and XML Path Language (XPath) are two of the most powerful and useful languages for transforming XML into text, HTML or between different XML formats. This tutorial will cover the most common constructs of XSLT and XPath including concepts such as data model and axes, predicates, pull and push approaches, priority and mode features.

12:30

Lunch • 1 hour

1:30

Afternoon Tutorials

## Enterprise Architecture for technology integration

**Clive Finkelstein – Information Engineering Services**

Enterprise Architecture for technology integration is based on rapid delivery technologies using XML, Web Services and Service Oriented Architectures (SOA). Products are available today that move from workflow models or process models directly to automatically generated executable code.

You will learn: what technology methods can be used for rapid business change; how Web Services and SOAs are used; how BPM languages can be used to generate executable code automatically from workflow models or process models; and how these technologies apply to Enterprise Architecture.

## XML schemas

**Rick Jelliffe – Topologi**

This workshop examines the validation of XML documents using two XML schema dialects – principally the World Wide Web Consortium XML Schema Definition Language (W3C XML Schema) and to a lesser extent, Schematron.

The objectives of the workshop are to understand the schema syntax and the concepts behind validation. As the two schema dialects cover different aspects of validation, the workshop will also provide understanding of how to couple a Schematron schema to a W3C XML Schema.

## Methods for XML Governance

**Marcus Carr – Allette Systems**

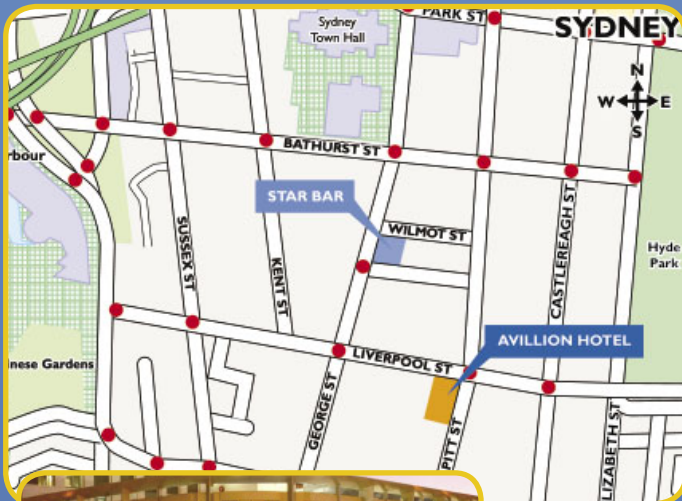
XML is ideal technology for describing data formats and some classes of data structures. Widely understood and supported, the strength of XML is its flexibility. However, this flexibility can make it difficult to objectively assess the quality of designs or implementations of XML-based systems.

This tutorial provides attendees with the conceptual foundation and practical techniques for the classification, analysis and monitoring of XML-related development. Specifically designed to help non-technical people participate in the governance process, this tutorial is appropriate for both developers and managers.

4:30

Tutorials conclude

## Venue and accommodation information



### Conference venue

**Avillion Hotel  
389 Pitt Street, Sydney NSW 2000**

Set in Sydney's CBD, the Avillion Hotel is part of the World Square development. With a monorail station at the doorstep it is just three stops from Darling Harbour and a vast range of shopping, dining and entertainment is just a few minutes walk from the venue.

### Cocktail Party

**Thursday October 26  
5:00pm – 7:00pm  
Star Bar – 600 George Street, Sydney**

Come and join us for the Open Standards 2006 cocktail party. The cocktail party is an exclusive event for Open Standards attendees so you can network or just enjoy a few drinks and canapes with industry peers and friends.

### Accommodation

We have negotiated special rates for conference delegates at the following hotels:

- The Avillion Hotel – 389 Pitt Street, Sydney
- The Blacket Hotel – 70 King Street, Sydney
- Medina Grand Sydney – Corner Kent and Bathurst Streets, Sydney
- Metro Hotel – 300 Pitt Street, Sydney.

For more information see the conference website and contact:

**Spencer Travel – Amanda Paki**

Tel: +61 2 9281 5477

Fax: +61 2 9281 5411

Email: [amanda@spencertravel.com.au](mailto:amanda@spencertravel.com.au)



# Thursday October 26 > Presentations

9:00

Keynote Presentations

## Patrick Gannon – President and CEO, OASIS

Patrick J Gannon is the president and CEO of OASIS (Organization for the Advancement of Structured Information Standards) – an international not-for-profit non-governmental organisation whose mission is to drive the development, convergence and adoption of e-Business standards. He has served on the OASIS Board of Directors since July 2000. Patrick has also served since 2000 with the United Nations Economic Commission for Europe (UNECE), as chairman of the Team of Specialists for Internet Enterprise Development, which advises governments in transitional economies on best practices for electronic business. Patrick is an international speaker on electronic business and Web Services standards.

## The role of standards in information exchanges between organisations

### Michael Milne – Director, Information Management Services, NSW Police

NSW Police has an increasing need to exchange information effectively and efficiently with external agencies. The key drivers are cost rationalisation, quality of information delivered, management of information assets, standardised ways of delivering information, reduced duplication and fragmentation of efforts, and consistency of approach. These drivers are critical to NSW Police in making well informed and quality decisions to fight against crime and terrorism. This keynote will discuss the work of NSW Police in using XML to address these key drivers.

10:55

Coffee Break • 20 mins

11:15

Breakout Sessions

### Track 1

## The ATO's Standard Business Reporting project

### Darren Menachemson – Australian Taxation Office

Following the success of the Netherlands Taxonomy project, the ATO will be working with a number of other federal and state agencies to simplify and reduce the burden of reporting to government for Australian businesses. The ATO will be utilising the XBRL specification to implement this new reporting regime.

## XML in support of law enforcement efforts

### Jodie Camden – Police Information Exchange

As a computing meta-language XML is a straightforward, flexible way to simplify large-scale data exchange. But on a practical level XML is also a very powerful tool to help police around the world to make our communities safer and save lives. Up-to-date information is a critical tool for helping police to target offenders and protect innocent victims, and also helps to warn and plan police intervention where necessary. This paper will demonstrate how XML is making a valuable contribution to the quality of our society.

### Track 2

## OASIS SAML v2.0 in the NZ Government

### Bill Young – State Services Commission, New Zealand

The New Zealand Government proposes to deploy OASIS Security Assertions Markup Language (SAML) v2.0 in its all-of-government Authentication Program and related initiatives. This presentation provides a high level overview of the program and walks attendees through the approach being taken to develop the profile. It will also highlight the roles of standards bodies, vendors and agency implementers and provide some insight into the considerations for those planning a similar exercise.

## Improved quality and project management through XML Governance

### Rick Jelliffe – Topologi

XML is now being used to describe structure, content and semantics of an incredibly wide range of applications. However, it is this very diversity that makes it difficult to generalise best practice or design objectives for developers of XML applications. This presentation will look at techniques for judging the relative merits of XML designs and also how to accurately assess the implementation costs.

12:40

Lunch

1:45

Breakout Sessions

## Enterprise integration using Enterprise Architecture, Web Services and SOA

### Clive Finkelstein – Information Engineering Services

Business integration is achieved using Enterprise Architecture (EA) methods, while technology integration is achieved using Web Services and Service Oriented Architecture (SOA). This session will look at how rapid delivery EA methods can be used with these technologies to achieve effective integration. Key points include: why EA is important for enterprise integration; EA methods for business integration; how these methods work with Web Services and SOA; and why all three approaches need to be used together.

## End-to-End Resource Planning (EERP) and SOA

### Andy Lee – Changfeng Alliance

Service Oriented Architectures (SOA) bring together the value chain through open standards. However not only does it organise, process and optimise the information of internal systems, it can also collect and optimise information from external partners such as suppliers. Using EERP applications, information from external partners can be measured against financial goals to achieve a complete organisational picture. To explain how it works, this talk will examine the requirements and challenges of EERP.

## Developing sites with standards

### Russ Weakley – Max Design

A lot of web professionals now understand the importance of standards-based development. However, for those who are new to this area, it is hard to know where to start. This presentation outlines 10 steps that help developers move from basic concepts such as well formed markup to advanced topics like full CSS layouts and bug hunting.

## Microformats – a revolution in semantics for today's web

### John Allsopp – Western Civilisation

The problem of bringing richer semantics to the web has been challenging standards bodies and developers for years. The last year or two has seen an evolutionary approach to richer semantics for today's web, based on HTML, current developer practices and tools. Microformats have been spreading like wildfire among tool developers and web publishers. We will look at why microformats are necessary, what organisations are doing with them and how your organisation can benefit from them.

3:10

Coffee Break • 20 mins

3:30

Breakout Sessions

## Applied electronic business Extensible Markup Language (ebXML)

### Steve Capell – Red Wahoo

This paper will demonstrate the application of the complete suite of ebXML specifications to achieve secure, reliable and semantically meaningful business-to-business interoperability. It will provide an overview of the ebXML suite and show the specifications in action by developing and deploying a business interaction between a large enterprise running SAP and a small business running Quickbooks. The talk will show how a collection of closely aligned but loosely coupled specifications such as ebXML provide a cost effective, scalable approach to interoperability.

## The value of standards for e-Business

### Tim McGrath – UBL

The diversity and number of standards available for e-Business appears to work against the objective of simpler, interoperable exchanges of business documents. Why is this? This talk will examine whether standards are what we think they are, what some of the current standards are, and what they should be. It then discusses how to benefit from re-using the patterns described in e-Business standards.

## What's new in XSLT 2.0?

### Christophe Lauret – Allette Systems

Extensible Stylesheet Language Transformation (XSLT) is one of the tools of choice for processing XML data and it continues to evolve in functionality and productivity. This presentation will look at the changes to the language in implementations of XSLT 2.0. It will also look at the relationship to XPath and XQuery.

## Building rich applications with XLink

### Philip Rutherford – Weborganic Systems

Uniform Resource Locators (URLs) have long been a core technology of the web, however, as the sophistication of web-based applications grow, the limitations of URLs become apparent. As a companion to URLs, XML Linking Language (XLink) provides a richer, more sophisticated hyperlink standard. This talk will explain the terms and concepts essential to understanding the advantages of XLink in application development.

4:55

5.30

Cocktail Party

9:30

## Track 1

## Track 2

Breakout Sessions

### XML in the government tender process

#### Stephen Gould – Open Interchange Consortium

Government tenders are the simple, first public step of the tender process but often they often require a number of business partners working together as a consortium to respond to the complex requirements. This talk will look at how a standard XML tender format can assist in providing improved efficiency and performance in the processing of government tender responses.

### Interoperability between contract documentation systems

#### Peter Meyer – Elкера

The OASIS LegalXML eContracts Technical Committee has developed a structural schema for contract documents and expects to approve its specification before the end of 2006. This presentation explains how the TC resolved its requirements from a range of competing objectives. It will then provide an overview of the design and intended use of the proposed eContracts schema.

### XSL Formatting Objects

#### Steve Ball – Zveno

XSL Formatting Objects are rapidly becoming the preferred way of creating PDF files from XML data in a server environment. However, for industrial applications, FO continues to have limitations. In this talk, Steve Ball will highlight the pros and cons of a language that is rapidly growing in popularity.

### Challenges for single source documentation

#### Gareth Oakes – PTC/Arbortext

New documentation initiatives such as DITA are helping users to realise the promise of delivering single source documents to multiple output mediums. However, there are still some fundamental issues that relate to mapping document structures into delivery formats. This talk will outline these problems and explain techniques for dealing with them in both markup and output.

10:55

## Coffee Break • 20 mins

11:15

### The "A" in Service Oriented Architecture (SOA)

#### Dr Vish Viswanathan – The Open Group

In spite of the extensive solution focus of SOA, there has been little emphasis on the Architecture aspects. With enterprise IT typically being a mixture of old and new technologies that are often characterised by islands of information, disparate applications and a myriad of platforms, not enough attention has been paid to the architectural benefits of SOA. This presentation highlights the issues and potential benefits.

### Supporting multiple languages using XML and XLIff

#### Bhushan Khaladkar – Oracle

Using XML and XLIff to describe local language requirements enables querying from applications using XQuery and SQL/XML standards. The architecture allows users to transparently see localised sessions based on their language requirements. In addition, the XML document indexes are translation-aware for efficient and productive queries. This talk will explore how to integrate with localisation tools using open standards.

Breakout Sessions

### Policy-driven governance in a Service Oriented Architecture (SOA) world

#### Paul Pogonoski – Japara Solutions

SOAs hold great promise to improve reusability of IT assets. With SOA-based systems, the idea of policies for representing various characteristics – process, function, security and performance – is a key idea. This paper highlights: reducing costs associated with creating and maintaining management policies; automating policy provision; built-in roles for controlling or limiting access to sensitive data; and importance of bi-directional policy communication.

### Unicode 5.0

#### Rick Jelliffe – Topologi

The recently released Unicode 5.0 contains a number of improvements and new characters. As a respected authority on the use of issues relating to XML and Unicode, Rick Jelliffe will overview the updates in Unicode 5.0 and explain what it means to developers.

12:40

## Lunch

1:45

### Using reference models to speed the implementation of standards

#### Barry Thomas – LIXI

In an effort to accelerate the adoption of standards in the Australian mortgage lending industry, standards group LIXI, and one of Australia's leading research organisations, National ICT Australia (NICTA), are adopting the idea of reference implementations as an adjunct to pure standards development. This talk will discuss the objectives of the program, the challenges and the expected returns.

### Late breaking session

Due to the nature of the event topics, Open Standards has reserved two late breaking news sessions to cater for new ideas and developments where normal lead-time is not possible.

Breakout Sessions

### Modeling business processes in the lending industry

#### Paul Mackie – National ICT Australia (NICTA)

Process and process modeling is an increasingly important discipline in business, and an active area of study at NICTA. In collaboration with the Lending Industry XML Initiative (LIXI), researchers at NICTA are exploring features of various process modeling languages, tools and techniques and their application in the lending sector. This paper will summarise findings of the research project and describe our experiences in developing the first reference business process models for this \$100B industry.

### Late breaking session

Due to the nature of the event topics, Open Standards has reserved two late breaking news sessions to cater for new ideas and developments where normal lead-time is not possible.

3:10

## Coffee Break • 20 mins

3:30

### The document formats landscape 2006

#### Jason Harrop – Consultant

In spite of its promise, the vision of widespread use of XML to leverage significant information in business documents is yet to be realised. This paper will look at some of the reasons why progress has been so slow and what is likely to occur over the next couple of years. Leading document formats such as XHTML, OASIS' OpenDocument file format and Microsoft's WordProcessingML will be considered as platforms for custom markup and contrasted with the alternative of developing a new format from scratch.

### Greg Stone – Regional CTO, Microsoft

The role of documents in our lives has evolved dramatically beyond imprinted paper to extend to user-centric consumption scenarios served by compound information sources which are often context based and ephemeral. This session will outline the changing way in which digital documents support our lives and the consequent need to address the challenges of interoperability between these artifacts and the heterogeneous systems through which they are processed and operated on. As file formats are an important enabler for interoperability, this session will also discuss the development by Microsoft of the Office Open XML File Format and subsequent submission to the ISO Standards body.

Keynote Presentation

4:55

## Conference concludes • Thanks for joining us!

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