

Advanced Programme



International Institute of Obsolescence Management (IIOM) Conference & Exhibition

**OBSOLESCENCE – EVERYTHING'S AFFECTED;
EVERYONE'S INVOLVED**

EDINBURGH, SCOTLAND

JUNE 16 - 18

2015

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Introduction

The Inaugural International Institute of Obsolescence Management (IIOM) Conference & Exhibition is being held in Edinburgh, Scotland on 16th to 18th June 2015.

IIOM intends to carry on the great work that COG has accomplished in the past 17 years and enhance it by creating a professional body for those involved, or interested in, Obsolescence Management. The Institute will be for professionals who are dedicated to furthering their knowledge and understanding of Obsolescence Management.

This conference is the first to showcase the IIOM and to position the institute as THE organisation to represent Obsolescence Management practitioners worldwide.

Much of the Obsolescence Management activity up to now has concentrated on analysing and mitigating the risk to electronic parts. This has been the main focus, quite rightly, as there is a clear risk from these types of parts. Today, however, many organisations are now managing multiple types of parts, electronic and non-electronic. Software, materials, tools, processes and skills amongst others, are all areas where pro-active Obsolescence Management is a key activity.

Also, Obsolescence Management is not just an engineering function, or a procurement activity, it crosses the boundary of many sections of a business. To recognise this, the theme for the conference will be:

OBSOLESCENCE – EVERYTHINGS AFFECTED; EVERYONES INVOLVED

The event will consist of a workshop, two day conference and exhibition. It will provide ample opportunity to network with key industry personnel with its full social programme.

Location

The 1st IIOM Conference will be held in the magnificent city of Edinburgh, Scotland. When it comes to inspirational cities, few can rival Edinburgh. The blend of UNESCO World Heritage architecture and world-class entertainment make Edinburgh a breath-taking city in which to have a conference.

With world-class hotels and venues, an international airport only eight miles from the city, good road and rail links and a compact city centre with almost everything within walking distance, it's easy to see why Edinburgh has earned its place as the world's most popular UK conference city after London.

Our main conference will be held in the Assembly Rooms, a unique, premier venue in the heart of Edinburgh's new town offering unrivalled service and impressive, versatile spaces which will be perfect for our event. The exhibition space and conference venue are right next to each other which will allow maximum value for any branding and exhibition opportunities.

<http://www.assemblyroomsedinburgh.co.uk/>

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Exhibitor

A trade exhibition will be held in the Assembly Rooms, adjacent to the conference venue. Conference refreshments, including lunches, will be taken in this area, maximising the opportunity for exhibitors and delegates to interact. Full details of the trade exhibition attached to the conference are included in the exhibition registration document which will be available on-line at www.cog.org.uk or by contacting Iiom Conference Administration at conference@cog.org.uk

Sponsorship Opportunities

There are a number of sponsorship opportunities available for organisations to enhance their visibility at the conference. This is a great way to raise profile and be recognised as an official event sponsor. Please contact Iiom Conference Administration on 01727 876029 for further details, or **click here** to download the Sponsorship document.

Networking Opportunities

The value of networking within a relaxed atmosphere has been recognised in the selection of the conference venues. There will be a welcome reception on the evening of 16th June 2015 at The Caves (a unique venue that makes up the sub-structure of the 18th Century South Bridge). Delegates will have the opportunity to network with other delegates whilst listening to the live band and enjoying traditional Scottish food.

The George Hotel will host our Gala Dinner and Award night on the 17th June 2015 in the magnificent Kings Hall. This grand evening will begin with delegates being piped into The Kings Hall for a four course dinner and wine. This provides a great opportunity to invite guests.

Partner Package

For those of you who wish to bring partners to the event, the partner package includes the Welcome Reception and the Gala Dinner. This central Edinburgh location offers great opportunities to explore the city attractions, shops and cafés on foot.

Tourism

Take this opportunity to extend your trip and admire stunning scenery, striking architecture and first-class attractions. Uncover some fantastic shopping opportunities and discover why Edinburgh is the world's festival capital and a UNESCO World Heritage Site. Further details of tourist attractions can be found on-line at www.visitscotland.com/edinburgh

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**IIOM Conference Workshops 16th June 2015,
The George Hotel, Edinburgh, UK**

Workshop 1 - A Guide to Pro Active Obsolescence Management

Obsolescence issues continue to be an ever-growing problem throughout the manufacturing industry. The advantages of lower cost and increasing functionality are accompanied by shorter device life cycles and design for cost, not long life. The challenges posed by these changes can occur in any area of the modern product – device selection at the design stage, data storage for through life support, software skills, processes and tools for product improvement – the list goes on. Users are increasingly finding that whilst they are not unobtainable, the costs and lead times are increasing rapidly as fewer users require the high specifications demanded by use in demanding environments.

This workshop deals with the basics of obsolescence and to how these issues can be managed. Early planning allows obsolescence to be addressed to minimise the business disruption and limit the associated costs. It encompasses information on issues that drive manufactures to end life and obsolescence tools that can assist with obsolescence prediction.

Provisional Programme

- 09:30 Welcome
- 09:40 An Introduction to Obsolescence - *Ian Davies, AWE*
- 10:20 Market Drivers for Semiconductor Manufacturers - *Peter Marston, Rochester Electronics*
- 11:00 Coffee Break
- 11:20 Obsolescence – A Through Life Approach - *Rob Hammond, GEIP*
- 12:00 Obsolescence Monitoring Tools and Integration into the Business - *TBC*
- 12:40 Lunch
- 13:30 Managing Obsolescence Without In-House Resource - *Joey Revette, AVCOM*
- 14:10 Team Exercise Discussion Session and Q&A
- 15:30 Lessons Learned and Wrap up
- 15:45 Close

Workshops 1 and 2 are both full day workshops and will run concurrently.

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**IIOM Conference Workshops 16th June 2015,
The George Hotel, Edinburgh, UK**

Workshop 2 - Managing Obsolescence in Legacy In-Service Equipment

Obsolescence is inevitable. It affects each and every product and its incidence has always been a significant factor in whole life planning. However, provisions considered adequate just a few years ago may fail to meet the demands of the current economic climate. Technology is advancing at an unprecedented rate and the market place is changing. Obsolescence timescales, once measured in decades, are now much shorter; just a few months in some cases.

Established, previously reliable, sources are disappearing and it's not unusual to find that spare parts and servicing are no longer available. Maintainers struggle to satisfy the requirements of their internal and external end-users. And it's up to us, the Obsolescence Management professionals, to be both inventive and innovative and provide solutions for this problem.

This workshop will give an insight into the requirements of an end user and then give detailed case studies from the rail industry, nuclear industry and aerospace industry giving their insight for handling the obsolescence issues, including options for retaining a supply of parts, materials and services in order to sustain the performance of legacy equipment.

Provisional Programme

- 09:30 Welcome
- 09:35 Managing Obsolescence in Legacy Equipment - A Customer's Perspective - TBC
- 10.25 Alstom Case Study - *Stuart Broadbent, Alstom*
- 11.15 Coffee Break
- 11.35 Sellafield Legacy Support Case Study - *Graeme Rumney, Sellafield*
- 12.25 Lunch
- 13.10 Managing Obsolescence in Legacy Equipment: A Suppliers View
David Shields, Thales Aerospace UK
- 14.00 Team Exercise
- 15.20 Discussion Session and Q&A
- 15.45 Close

Workshops 1 and 2 are both full day workshops and will run concurrently.

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Day 2 Conference 17th June 2015, IIOM Conference and Exhibition, Assembly rooms, Edinburgh, UK

09.00 Conference Opens

09.10 **Event Sponsor Welcome** – *IHS Global Limited*

09.30 **Keynote Presentation**

Session One – Practical Experience

10.10 Managing Obsolescence in a Typical 'Contract for Availability' in the Naval Domain.
Martin Call, BAE Systems Maritime Services

10.40 Break

11.10 Global Rationalisation of Obsolescence Management Guidance into a Single Standard.
Graham Goring, Thales Corporate Engineering Shared Services

11.40 Cost Modelling is a Critical Requirement for Managing Obsolescence.
David Williams, Through Life Support Ltd

12.10 A Real Options Approach to Quantity and Cost Optimization for Lifetime
and Bridge Buys of Parts. – *Peter Sandborn, CALCE University of Maryland*

12.40 Lunch

Session Two - Material Issues and Counterfeits

13.40 Supply Sourcing Resilience
David Young, Atkins

14.10 REACH – Managing the Material Obsolescence Consequences
Terry Rees-Pedlar, BAE Systems Munitions

14.40 Mitigating Against Counterfeit and Grey Market Components
Mark Atton, EDIF ERA

15.10 Break

15.40 A Semiconductor Manufacturers Perspective on Obsolescence and Counterfeiting.
Peter Marston, Rochester Electronics

16.10 Conflict Minerals and Obsolescence.
Scott Wilson, IHS Global Limited

16.40 Session Close

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**Day 3 Conference 18th June 2015,
IIOM Conference and Exhibition, Assembly rooms, Edinburgh, UK**

09.00 Conference re-opens

Session Three – Management Perspectives

09.10 Procurement Life Cycle - *Margaret Gilbert, Corporate Contracts Management Ltd*

09.40 Obsolescence Management – a Communication Topic - *Dr Christian Gerber, Siemens AG*

10.10 Software Obsolescence Management Processes and Methodologies
Timothy J Zitkevitz, Lockheed Martin MST Global Sustainment

10.40 Break

11.10 The Spectrum of DMSMS Part Management Activities
Tracy Daubenspeck, NAVSEA NUWC

11.40 Software Obsolescence Cost Analysis Framework - *Sanathanan Rajagopal
Cranfield University*

12.10 Discussion Group led by Stuart Kelly, *IIOM Chairman*

12.40 Lunch

Session Four - Technical Strategies

13.40 Recovery of ICs for Reuse as an Obsolescence Solution - *Tony Boswell, Retronix*

14.10 The Role of 3D Printing in Replacing Obsolete Parts - A Case Study
Graham Bennett, 3D Systems

14.40 A Risk-based Approach for Prioritizing Obsolescence Management for Structural,
Mechanical, and Electrical Items in Conjunction with Electronics
Dr Jay Mandelbaum, Institute for Defense Analyses

15.10 Break

15.20 Augmented Reality Based Visualisation for Managing Obsolescence Risks
Prof John Erkoyuncu, Cranfield University

15.50 Closing Remarks

16.00 Conference Closes

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Conference Registration Fees

	Member		Non Member	
	Early rate <i>paid by 31 March 2015</i>	Member Full Rate	Early rate <i>paid by 31 March 2015</i>	Non Member Full Rate
Conference Delegate	£700	£800	£800	£900
Conference Speaker	£480	£480	£480	£480
Workshop & Conference	£875	£975	£975	£1075
Workshop & Conference - Speaker	£655	£655	£655	£655
Workshop Delegate	£275	£275	£375	£375
Gala Dinner only	£125	£125	£125	£125
Partner Package	£250	£250	£250	£250

Conference Delegate & Speaker fee includes:-

16 June 2015 - Conference Welcome Reception including food.
17 June 2015 - Conference Sessions, Lunch & Drinks Reception & Gala Dinner.
18 June 2015 - Conference Sessions & Lunch.

Workshop & Conference fee includes:-

16 June 2015 - Workshop attendance including Lunch & Conference Welcome Reception including food.
17 June 2015 - Conference Sessions, Lunch & Drinks Reception & Gala Dinner.
18 June 2015 - Conference Sessions & Lunch.

Workshop Delegate

16 June 2015 - Workshop only including Lunch.

Partner Package

This package is designed for partners accompanying delegates on the trip and can only be booked when booked with a Conference delegate or Speaker package. This programme gives partners the opportunity to meet other partners and free time to explore this amazing city.

16 June 2015 - Conference Welcome Reception including food.
17 June 2015 - Drinks Reception & Gala Dinner.

CLICK HERE TO REGISTER

iiom
CONFERENCE
EDINBURGH 2015



Magnificent and unique venues at the Conference

Further details are available from:
International Institute of Obsolescence Management,
Unit 3, Curo Park, Frogmore, St. Albans, Herts AL2 2DD.
Tel: +44 (0)1727 876029 Fax: +44 (0)1727 871336
e-mail: conference@cog.org.uk

Photographs kindly supplied by Convention Edinburgh, www.marketingedinburgh.org/conventions

2015