



# IMS Global Learning Consortium, Inc.

*presents*

## IMS Meta-data, Content Packaging & Enterprise: An introductory course

**26<sup>th</sup> September 2001**

**CISL National Study Center**

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### Course Aims & Objectives

While the development of good learning content is important, its effective and efficient delivery to the point of learning is essential. This delivery requires the packaging of the content, labelling of the materials and control of the learning session. The aim of this course is to **introduce and review** the key IMS specifications that support the exchange of content and course information within the organisation based upon the IMS Learning Resource Meta-data, IMS Content Packaging and IMS Enterprise specifications.

### What You Will Learn

- Why, when, where, who, which and how IMS specifications are developed;
- How content is labelled so that search engines can effectively identify the relevant learning content;
- How to flexibly package content so that it can be delivered electronically to the point of learning;
- How to exchange information on courses and their members between different administrative and learning systems;
- The organizations and vendors who are using the IMS specifications to improve their on-line learning capabilities.

### Who Should Attend

This course is for managers who are responsible for the development or usage of distributed on-line learning systems. It is also designed to help users decide how they should expect vendors to use IMS specifications to provide more flexible and useful learning content, applications and systems.

## Course Timetable

The timetable for the day is:

- 8:15 to 8:45 Registration
- 8:45 to 9:00 Course Introduction
- 9:00 to 10:30 **IMS Specifications & their Development Process**
- 10:30 to 11:00 *Break*
- 11:00 to 12:30 **IMS Learning Resource Meta-data Specification V1.2**
- 12:30 to 1:30 *Lunch*
- 1:30 to 3:00 **IMS Content Packaging Specification V1.1.2**
- 3:00 to 3:30 *Break*
- 3:30 to 5:00 **IMS Enterprise Specification V1.01**
- 5:00 to 5:30 Course Review & Final Questions

## Course Content

1. IMS Specifications & their Development Process
  - The IMS specification family
  - The IMS specification development process
  - IMS, ADL, IEEE and OKI
  - Adoption of the IMS specifications
2. IMS Learning Resource Meta-data Specification V1.2
  - The core data structures and features
  - Support for Dublin Core and IEEE LOM V6.1 compliance
  - Extending the specification
  - IMS Meta-data and ADL SCORM
  - Vendor implementations and use-cases
  - Future developments
3. IMS Content Packaging Specification V1.1.2
  - The core data structures and features (Manifest, Resources and Organization)
  - Support for content labelling using IMS Meta-data
  - Support for content assessment using IMS Question & Test Interoperability
  - Extending the specification
  - IMS Content Packaging and ADL SCORM
  - Future developments
  - Vendor implementations and use-cases
4. IMS Enterprise Specification V1.01
  - The core data structures and features (Person, Membership and Groups)
  - Extending the specification
  - Relationship to the IMS Learner Information Packaging
  - Vendor implementations and use-cases
  - Future developments

## Course Materials

Attendees to the course will be given:

- A detailed course workbook that contains all of the presented materials plus supplementary information;
- A CD containing an electronic version of the course notes plus the latest set of all **of** the released IMS specifications.

## Course Costs

Attendance on this one-day course is \$550 that must be paid in advance to IMS Global Learning Consortium Inc. Please book through the IMS web-site: <http://www.imsglobal.org/> *Early Bird Registration:* If you sign up and pay in full on or before 6th September 2001 you will pay only \$450.00 USD.

## Course Presenters

<b>Thor Anderson, Ph.D.</b>	<b>Colin Smythe, Ph.D.</b>
<p>Thor has been involved in the development of the IMS specifications since March 1999. He is the technical lead for the development of the IMS Meta-data, IMS Content Packaging and IMS Learner Design specifications. He is also the Director of IMS Developer Support. Before joining the IMS, he was an instructional software developer with Apple, Netscape, and Oracle. His Ph.D. is in Instructional Technology from Utah State University.</p> 	<p>Colin has been involved in the development of the IMS specifications since September 1999. He is the technical lead for the development of the IMS Enterprise, IMS Learner Information Package, and IMS Question &amp; Test Interoperability specifications. He has taught on the topic of e-learning at many conferences throughout the world and before joining IMS he was Head of the Department of Computer Science and a full Professor at the University of Sheffield, UK.</p> 

*Hotel details and directions will be provided upon receipt of registration and payment.*