



DC-2006 MANZANILLO, COLIMA, MEXICO

DC-2006, the International Conference on Dublin Core and Metadata Applications is hosted by the Coordinating Department of Information Technologies of the University of Colima.

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PRESENTATION

I am very happy that this year's International Conference on Dublin Core and Metadata Applications is taking place in Mexico. For the second time in a row, the conference is hosted in a country where the main language is Spanish. Mexico has strong links to many of the countries in Latin America and the Caribbean as well as to many other countries around the world. Many organizations and projects in Mexico and around Latin America are involved in implementing Dublin Core metadata and DC-2006 promises to provide a possibility for people in the region to get together with people from other parts of the world to share experiences and discuss topics of common interest.

The conference is organized by the University of Colima who have great international standing as demonstrated by the fact that this University hosts the regional UNESCO chair in new information technologies. The University also organizes a successful series of international conferences under the name of INTERFACES.

DC-2006 features two keynotes, one by Abel Packer of BIREME in Brazil and one by Michael Crandall of the Information School at the University of Washington. In three plenary and four parallel paper sessions, 21 long and seven short papers will be presented, while additional papers will be read in special sessions for Portuguese and Spanish language projects. Furthermore, in the workshop track, 13 working group sessions and eight special sessions are on the program. One each of the four conference days, a set of tutorials will introduce basic as well as advanced concepts related to the implementation of Dublin Core metadata in practice.

The organizing committee, under the able leadership of Lourdes Feria Basurto has been working hard over the last year to make DC-2006 a successful event, while the Program Committee, headed by Javier Solorio for the University of Colima and Thomas Baber for DCMI, have selected a set of very interesting papers.

I am confident that this year's conference will be interesting and I wish all participants an enjoyable and fruitful week.

Makx Dekkers

Managing Director

Dublin Core Metadata Initiative



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INTRODUCTION

The 2006 International Conference on Dublin Core and Metadata Applications (DC-2006), held in October 2006 in Manzanillo, Mexico, is the fourteenth in a series of *Dublin Core* workshops that started in 1995 and sixth in a series of full conferences on *metadata applications* in a general sense (Tokyo, 2001; Florence, 2002; Seattle, 2003; Shanghai, 2004; and Madrid, 2005).

The DC-2006 conference takes place in the eleventh year of the Dublin Core Metadata Initiative, a grassroots standardization activity which since 1995 has evolved into a networked maintenance agency and global community of metadata implementers. Over the years, *the Dublin Core* has grown from a workshop idea into the international standard ISO 15836 and a suite of related usage specifications.

In an intense decade that has seen the rise of Yahoo, the World Wide Web Consortium, and Google, DCMI qualifies as something of a veteran. From the outset, DCMI has focused on the idea that interoperability is elusive at high levels of granularity and detail, it can be more practical to aim at achieving a workable interoperability through sharing generic, core semantics. As Eva Mendez points out, this simple idea allowed Dublin Core to become a standard *by seduction*.

As new technologies have emerged and diversified on the Web, the focus in DCMI has been on making this simple idea deployable in practice. Recent progress on explaining the model underlying Dublin Core and documenting its expression in RDF and XML encodings constitute important steps toward a vision of modular, adaptable metadata in the radically distributed environment of today's World Wide Web.

Dublin Core is but one Lego block for modular metadata, and much of the effort among standardization communities today aims at ensuring a snug fit across a diversity of standards. As in previous years, DC-2006 brings together several distinct but overlapping communities in the interests of harmonization and interoperability. These activities include the e-learning community around the IEEE-LOM standard; users of Networked Knowledge Organization Systems (NKOS); creators and implementers of taxonomies for corporate intranets; promoters of guidelines and standards for making the contents of Web resources more *accessible* to users of varying abilities; and developers of W3C standards for the Semantic Web.

The theme of DC-2006—Metadata for Knowledge and Learning—addresses itself to key implementation context for metadata in the information : as a means of organizing and disseminating digital content in support of education and learning, from elementary schooling through life-long career and personal development. These proceedings of the featured papers present 21 full papers and seven short papers presented in Manzanillo.

We would like to take the opportunity to thank Makx Dekkers, Managing Director of DCMI, for his help and support in organizing DC-2006; all the members of the DC-2006 Program Committee for



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their time and generosity in reviewing papers; colleagues of the University of Colima and in particular the president of the University of Colima MC. Miguel Ángel Aguayo López, and colleagues of the Local Organizing Committee, in particular Lourdes Feria, Alfredo Ameneiro, Lupita Pérez Gutiérrez and Jinthy López Razgado for their help and professionalism in all the logistical arrangements for the event; and of course the authors of the work you now hold in your hands.

Thank you for your participation.

Co-chair Javier Solorio

University of Colima, Mexico

Co-chair Thomas Baker

DCMI DC-2006 Program Committee