Call for Papers

International Workshop on

BUSINESS PROCESS REENGINEERING AND SUPPORTING TECHNOLOGIES FOR ELECTRONIC COMMERCE

http://www.di.uoa.gr/~dexa98/e-commerce.html

in conjunction with the 9th International Conference on Database and Expert Systems Applications (DEXA'98)
Vienna, August 24-28, 1998

Workshop proceedings to be published by IEEE Computer Society Press

THEME

Electronic commerce is a general concept covering any form of business transaction or information exchange between organisations of various types, public administration and customers, using information and communications technology which promises to dramatically alter the structure and processes of commerce. Business processes supported by electronic commerce can span organisations' boundaries with each organisation enacting its own parts of those shared processes. A novel example occurs with the 'virtual enterprise' where each participant enterprise contributes its own competence to a closely cooperating network of organisations addressing a particular market opportunity. Many companies have embarked upon reengineering efforts to address this issue. However, this is not enough, as in order for the results of reengineering to be successfully applied, there is a further need for an infrastructure that can support complex and flexible services to manage customer-tailored requests in the context of highly dynamic networks and federations of providers. Building blocks of such an infrastructure should ensure security and provide mechanisms for searching and advertising, negotiating and match making, contacting and ordering, billing, payment, production, distribution, accounting and customer-service mechanisms.

The purpose of this workshop is to bring together researchers and practitioners who are working in technology areas of business process reengineering and electronic commerce in order to discuss recent research findings and address complementary research and development issues. Of particular interest are papers describing reengineering of existing business processes to address the rapid growth of the internet market and cross the chasm between organizational structures and e-commerce. Papers describing technologies and systems to support such reengineering efforts are also solicited.

Topics of interest include but are not limited to:

- business process reengineering in support of electronic commerce
- modeling of virtual enterprises and their business processes
- intellectual property rights for electronic commerce of intangible goods
- supporting technologies and approaches for electronic commerce
- best business practices in electronic commerce
- coordination models and frameworks for seamless integration of various components
- workflow technology and electronic commerce
- multimedia and electronic commerce
- interoperability, interconnectivity and electronic commerce
- distributed applications and tools for electronic commerce
- on-line transaction processing (OLTP) based applications and e-commerce
- EDI-based standards for a high quality e-commerce infrastructure
- security and electronic commerce

The papers must clearly show how the technical solutions described contribute to the area of electronic commerce.

IMPORTANT DATES

Submission deadline: ..... **15 March 1998**

Notification of acceptance: ..... **15 May 1998**

Camera-ready copies: ..... **5 June 1998**

SUBMISSION DETAILS

Authors are invited to submit research contributions representing original, unpublished work . All papers will be refereed by at least two members of the program committee. Submitted papers must be formatted according to the author guidelines provided by IEEE Computer Society Press (http://www.di.uoa.gr/~dexa98/ ieee-guidelines.html) and must not be longer than five pages. Please submit your paper **electronically** as plain ASCII PostScript by e-mail to the address: dexa98@di.uoa.gr Guidelines for generating and submitting PostScript files are available at http://computer.org/author/psguide.htm . If you cannot send an electronic copy of your paper, ONLY THEN submit four hard copies to the address below. In either case (electronic submission or hard copy) please also send an e-mail in ASCII format including the paper title, abstract, keywords, author names, addresses, and affiliations.

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