

# ICDEM 2008

International Conference on Data Engineering and Management  
9 February 2008, Bishop Heber College  
Tiruchirappalli, India

The convergence of high-performance computing, global high-speed communications advanced sensing and data analysis is driving the next wave of information-age business transformation. Data Engineering deals with the use of engineering techniques in the design, development and assessment of information systems for different computing environments and application domains. Data Management is the process of planning, coordinating and controlling an organization's data resources. More often, applications need to store and search a large amount of data, or structurally complex data. Managing Data has been continuously challenged by demands from various areas and applications and has evolved in parallel with advances in hardware and computing techniques.

The International Conference on Data Engineering and Management will be a premier forum for presentation of research outcomes and discussion of issues on data engineering and data management. The aim of the conference is to share research solutions to problems of today's information society and to identify new issues and directions for further research.

ICDEM 2008 will focus on the new developments in the theories and practices related to data engineering and management field. The conference will bring together researchers, practitioners, developers and users to present and discuss emerging trends, concepts, techniques, technologies and experiences in data engineering and management.

## Call For Papers

We welcome all papers relevant to Data Engineering and Management such as (but not limited to):

- Data: Representation, Architecture, Querying, Indexing, Access, storage, Data Compression, Integration, Interoperability, Exchange, Integration, Quality, Cleaning, Privacy, Security
- Data Warehousing and Mining (data, text, web, multimedia)
- Databases: Embedded, Sensor, P2P, Mobile, Multimedia, Time Series, Spatial, Statistical, Biological, Web, XML, OO, Parallel, Grid and Distributed

- Managing Uncertain, Imprecise, Inconsistent Information and Semi Structured Data
- Data Management: Metadata, Multilingual Data, Multimedia Data, Peer-to-Peer Data
- Ontology, Semantic Web, Semiotics
- Personalized Information Systems
- Middleware, Workflow, and Web Services
- All Data Management Issues in CRM / SCM / ERP / IT / Information Systems
- Bio-informatics, ANN, Image Processing, Social networks, Wiki, Blogs, Digital libraries, E-Learning, Healthcare Informatics

## ICDEM 2008 Highlights

We have an exciting program designed to appeal to researchers, faculty members and data engineering and management professionals. It includes:

- 3 Invited Talks
- Poster Show
- Printed proceedings (with ISBN number)
- Post proceedings (at [www.demfoundation.org](http://www.demfoundation.org))
- Banquet

## ICDEM 2008 Committee

### General Chair

M. Marcus Diepen Boominathan (Principal)

### International Program Committee

Christian Gütl, TUGraz, Austria

Klaus Meyer Wagerer, University of Erlangen, Germany

Mária Bieliková, Slovak University of Technology, Slovakia

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Pedro Campos, University of Madeira, Madeira, Portugal  
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Daisy Jacobs, University of Zululand, South Africa  
S.R. Balasundaram, National Institute of Technology-Tiruchirappalli, India  
Masoud Mohammadian, University of Canberra, Australia  
Taher O. Ahmed, Aljabal Algharby University, Libya

## Paper Submission

Papers have to be submitted as email to Program Chair in MS WORD format. All accepted papers would appear in the Proceedings published by the conference. Besides, short-listed papers will further be invited for revision and published in an international journal. Research papers must be prepared in the following camera-ready format.

- Page limit: 4 pages (Additional page charges apply)
- Margin: all around 2.5 cm.
- Page layout: Letter (21.5 x 28 cm), space 1.1 between lines (or at least 13 points)
- Font: Times Roman 10, justified text
- Title: 14 font. Title, authors, emails in single column centered
- All other items such as abstract, main paper, conclusion and references in two columns, separated by 0.5 cm, with numerated sections and subsections. Eg. 1, 1.1, 1.1.1, etc.
- Titles of figures and tables to be numerated and centralized below
- References numerated. Eg. [5] Peter, S. *Graph Databases: Issues and Solutions*, IEEE Trans. on Software, 134:54-66.
- Citations in text on the number of the reference. Eg. In [4], ..

A paper submitted to ICDEM 2008 cannot be under review for any other conference or journal during the time it is being considered for ICDEM 2008, and it must be substantially different from any previously published work. Questions about this policy or how it applies to your work should be directed to the program chair.

## Important Dates

Submission deadline: 10 January 2008  
Notification: 15 January 2008  
Camera-ready and registration: 22 January 2008

## Registration Details

At least one of the authors must register for the Conference in order for the paper to be included in the proceedings.

- PhD/MTech students: INR 500 (EURO 100)
- Academic members: INR 600 (EURO 150)
- Industrial members: INR 1000 (EURO 200)

Demand Drafts should be drawn in favour of **DEMF** payable at **Tiruchirappalli** and sent to the Program Chair with the registration details: Name, Designation, Organization, Mailing address, Email-id, Phone number, Paper ID, Title of the paper, Author(s), DD Number, DD date, Branch drawn, and Name of the bank.

## Welcome to Bishop Heber College

Bishop Heber College is a religious minority educational institution established by the Tiruchirappalli – Thanjavur Diocese of the Church of South India. Its main objective is to cater for the higher educational needs of the members of the Church of South India and other Christians and specially to provide for them an educational atmosphere in keeping with the Christian ideals of the church. The college however admits students of all faiths and religions and seeks to provide for them the best possible higher education.

The college was accredited with 5 stars by the NAAC on 21<sup>st</sup> May 2001 and was reaccredited at the A+ Level on 31<sup>st</sup> March 2007. The University Grants Commission and Bharathidasan University granted autonomy to the college during 2004-05. The department of Computer Science offers BSc. CS, BCA, MSc. CS, MCA, MSc. IT and PGDCA programs and has high configured computing and internet facilities.

*For further queries and registration, contact*

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