16th International Conference on Management of Data

COMAD 2010

December 8-10, 2010.

Visvesvaraya National Institute of Technology,
Nagpur, India

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## Conference Program

### WEDNESDAY AT A GLANCE  
**DECEMBER 8, 2010**

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<tr>
<th>Time</th>
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<tr>
<td>08:00 - 08:45</td>
<td><strong>Registration</strong></td>
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<tr>
<td>08:45 – 09:15</td>
<td><strong>Welcome</strong></td>
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</table>
| 09:15 - 10.30 | **Keynote Address 1: The Future of Data Warehousing**  
*Dr. Stephen Brobst, CTO, Teradata Corporation, USA.*  
*Chair: Prof. N. L. Sarda, IIT, Bombay*** |
| 10.30 – 11.00 | **Coffee Break**                                                                                |
| 10.30 - 11.00 | **Track-1: Auditorium**  
**Research Session – I Database Systems**  
*Chair: Dr. Prasad Deshpande, IBM India.*  
**Tutorial – I**  
*Chair: Prof. A. G. Keskar, VNIT, Nagpur*  
**Track-2: Lecture Room MEC - G6**  
**Material Engineering Centre** |
| 11:00 - 12:30 | **Invited Talk: Data Management Challenges in India's Unique Identification Number System**  
*Pramod Varma, Chief Architect, Unique Identification Authority of India (13.30 – 14.30)*  
**A Survey on Sampling Techniques and Applications**  
*Dr Sameep Mehta and Dr Vinayak Pandit (IBM Research - India)*  
**Building Knowledge-bases from the Web**  
*Srinivasan H Sengamud, Yahoo Labs, India*  
**A Model Driven Approach to Enterprise Data Integration**  
*Sreedhar Reddy, Tata Consultancy Services, India*  
**Poster Session – I**  
*Lecture Room MEC – G7, Material Engineering Centre*  
**SIGDATA Meeting** (Open to all participants)  
*Auditorium* |

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*Please note: The schedule may be subject to change.*
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<th>Time</th>
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<th>Chair/Author</th>
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<tr>
<td>09.00 – 10.15</td>
<td><strong>Keynote Address 2: Scalable Data Management in the Cloud: Research Challenges and Opportunities</strong>&lt;br&gt;<strong>Prof. Divyakant Agrawal, University of California, Santa Barbara, USA.</strong>&lt;br&gt;<strong>Chair: S. Sudarshan, IIT, Bombay</strong></td>
<td><strong>AUDITORIUM</strong></td>
<td></td>
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<tr>
<td>10.15 – 10.45</td>
<td><strong>Coffee Break</strong></td>
<td><strong>Track-1 : Auditorium</strong></td>
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<tr>
<td>10.45 – 12.30</td>
<td><strong>Research Session – II Information Retrieval and Web</strong>&lt;br&gt;<strong>Chair: Prof. P. Krishna Reddy, IIIT Hyderabad</strong></td>
<td><strong>Track-2 : Lecture Room MEC - G6</strong>&lt;br&gt;<strong>Material Engineering Centre</strong>&lt;br&gt;<strong>Tutorial II(contd.)</strong>&lt;br&gt;<strong>Chair: Prof. Gautam Das, UT, Arlington.</strong></td>
<td><strong>Dr N Jeyakumar Natarajan (Bharathiar University)</strong>&lt;br&gt;<strong>Information Retrieval and Text Mining Opportunities in Bioinformatics</strong></td>
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<td><strong>Extracting Problem and Resolution Information from Online Discussion Forums</strong>&lt;br&gt;Preethi Raghavan (Ohio State Univ, USA), Rose Catherine K, Shajith Ikbal, Nandakishore Kambhatla and Debapriyo Majumdar (IBM Research India)**</td>
<td><strong>Chair: Prof. O. G. Kakde, NIT, Nagpur.</strong></td>
<td><strong>Tutorial – III</strong>&lt;br&gt;<strong>Chair: Dr Vinayak Pandit, IBM India.</strong>&lt;br&gt;<strong>Invited Talk: System Performance Challenges at NSDL</strong>&lt;br&gt;Rajesh Doshi, Executive Director, National Securities Depository Ltd, India (13.30 – 14.30)</td>
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<tr>
<td>15.15 – 15.45</td>
<td><strong>Coffee Break</strong></td>
<td><strong>SIGMOD 2010 Highlights Session</strong>&lt;br&gt;<strong>Chair: Prof. S. R. Sathe, NIT, Nagpur.</strong></td>
<td><strong>Tutorial – III (contd.)</strong>&lt;br&gt;<strong>Chair: Dr Vinayak Pandit, IBM India.</strong>&lt;br&gt;<strong>Constructing and Exploring Composite Items.</strong>&lt;br&gt;Senjuti Basu Roy (UT, Arlington), Sihem Amer-Yahia, Ashish Chawla (Yahoo! Research), Gautam Das(LT, Arlington), Cong Yu (Yahoo! Research)</td>
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FRIDAY AT A GLANCE

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<thead>
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</table>
| 09.15 – 10.30 | Keynote Address 3: Making Web-scale Entity-Relationship Search a Reality  
Prof. Soumen Chakrabarti, IIT Bombay.  
Chair: Prof. P. Sreenivasa Kumar, IIT Madras. |
| 10.30 – 11.00 | Coffee Break                                                         |
| 11.00-12.30 | Selecting a Right Interestingness Measure for Rare Association Rules  
Akshat Surana, Uday Kiran and Polepally Krishna Reddy (IIIT Hyderabad)  
On Bayesian Network and Outlier Detection  
Sakshi Babbar and Sanjay Chauela (Univ of Sydney)  
A Robust Active Learning framework using Itemset based Dynamic Rule Sampling  
Bhanukiran Vinzamuri and Vikram Pudi (IIIT, Hyderabad) |
| 12.30-13.30 | Lunch break                                                          |
| 13.30 – 14.00 | Infosys                                                              |
| 14.00 –15.30 | Gong Show*  
Chair: Prof. P. Sreenivasa Kumar, IIT Madras. |
| 15.30 – 15.45 | Closing Session [Auditorium]                                         |
| 15.45 – 16.15 | Coffee Break                                                         |

Gong Show*

The gong show will consist of a series of short presentations where an invited group of participants from academia and industry will present an overview of their work. The goal of the gong show is to foster collaboration and encourage our younger participants to take up research careers in databases and related fields.

POSTER SESSION (I and II) PAPERS

- Processes Summarization  
  Biplav Srivastava (IBM Research, India)
- Adressing internal consistency with multidimensional conditional functional dependencies  
  Stefan Bruggemann, (Institute for Information Technology, Oldenburg, Germany)
- From Model Extraction to Model-based Reuse of Enterprise Documents  
  Biplav Srivastava, Debdoot Mukherjee, Rema Ananthanarayanan and Vibha Sinha (IBM Research, India)
- Evaluating Information Coverage in Machine Generated Summary and Variable Length Documents  
  Niraj Kumar, Kannan Srinathan and Vasudeva Varma (IIIT, Hyderabad)
- Analyzing Periodically Occurring Patterns in Time Series  
  Shivam Sahai, Maitreya Natu and Vaishali Sadaphal (TRDDC, Pune)
- Digging up the Dirt on User Generated Content Generation  
  Jake T Lussier, Troy Raeder and Nitesh Chawla (Univ of Notre Dame, USA)
Internet Access

Network access and web proxy setup
1. Use DHCP to connect to the network (wired/wireless)
2. Set network proxy to 172.31.4.6 or 172.31.4.5 and, port 8080. To do this
   a. For Firefox on Linux, go to Edit/Preferences/Network, click on Settings.
   b. For Firefox on Windows, go to Tools/Options/Advanced/Connection, click on Settings
   c. For IE, go to Tools/Options/Connection, click on LanSettings

Wireless Access
1. For Everyone: To Access in Auditorium connect to the comad-audi network
2. For Delegates: To Access in Student Activity Centre connect to the comad-sac network
3. For Guests: To Access in Guest House(Lobby and TV rooms) connect to the comad-gh network

Please note that no login/password is required to connect to the network

For Student participants only
Internet access is available in Computer Centre (2nd floor of Library building) till 10 pm

Eating Places

- **Domino’s Pizza**, about 1/2 KM from VNIT Main Gate
  Cuisine: Pizza, Wallet Factor: 150-200 per person

- **Haldiram’s Planet Food Restaurant**
  o Munje Square, Abhyankar Road, Sitabuldi, Nagpur about 3 Kms.
  o Near Ajit Bakery, Ajni Sqaure, Wardha Road, Nagpur about 3 Kms.

- **Bawarchi Restaurant**, Vijay Arcade, Opp Deaf & Dumb School, Shankar Nagar, Nagpur about 2 Kms.
  Cuisine: Veg North Indian & South Indian, Wallet Factor: 100-125 per person

- **Nanking Chinese Restaurant**, Residency Road, Sadar, Nagpur about 7 Kms.
  Cuisine: Chinese, Wallet Factor: 150-200 per person

- **Reddys Gokul Brindavan**, Dharampeth, Nagpur about 2.5 Kms.
  Cuisine: South Indian, Wallet Factor: 100-125 per person

- **Veerawami South India Restaurant**, Sadar, Nagpur about 7 Kms.
  Cuisine: South Indian, Wallet Factor: 100-125 per person
Map of VNIT Campus

Legends
- SAC: Student Activity Center
- MEC: Material Engineering
- CSE: Computer Science & Engg.
- Audi: VNIT Auditorium
Contact Details

Registration/Helpdesk
Parnika 9975214288
Amrapali 9028414722
Rohit Vaidya 9764471816
Madhavi Borkar 9579235715
Mohit Gupta 9579235715
Deepti Srimankar 9860606477
Swati Mulchandani 9422823762

Guest House
Reception: 0712-280-1221
Sumanish Sarkar 8087104399
Rajiv Ranjan 9028464427
Digember Kumar 9579334914
Rushikesh Pathak 9960032218
Ashish Tiwari 9403964856

Travel/Taxi
V. Rahul 9595566234
Yogesh 9975897771
Kamal Bunkar 9960759504
Anshul Gupta 9503099316
Sanjay Dhok 9011528404

Boys PG Hostel
Gote Suhas 9765573020
Digambar Kumar 9579334914
Sunil Kumar Reddy 9561992258
Rahul Malik 9890603431
Krishna Thouti 9049473401

Girls Hostel
Veena Soni 9579207547
Sarla Selu 9579476547
Kavita 8928602046
Varda Ikhar 9049473401
Chandrayani Rokde 9975025800

Emergency Services
VNIT Ambulance (24x7): 8007673018
VNIT Clinic (Dr. S J Batra) 0712-280-1342
Timings: 0900-1200, 1700-1900

Organizers
Dr. P. S. Deshpande, Organizing Chair 9403964854
A.S. Mokhade, Organizing Co-Chair 9422457645
M.M. Dhabu, Publicity Chair. 9960586984