

**International Symposium on Data, Information & Knowledge Spectrum (ISDIKS07)**

**December 13 – 15, 2007**

Organized by Amrita University, Amritapuri Campus, Hosted by Amrita University, Kochi Campus

***ISDIKS 2007 - Program Schedule***

**Day 1 (Dec 13, 2007)**

<b>Date</b>	<b>Time</b>	<b>Event</b>	
<b>Thursday 13 Dec 2007</b>	7.00 AM	Breakfast	
	<b>8:00 AM</b>	<b>Registration</b>	
	9:00 AM	<b>Inauguration</b>	
	10:00 AM	<b>Tea Break</b>	
	10.15 AM	<b>Keynote 1 : Prof. Krithi Ramamritham (Amriteswari Hall)</b>	
		<b>Introduction to Prof. Krithi Ramammritham by Prof. Bharat Jayaraman</b>	
		<b>LAB ↔ FIELD: A Challenging Journey</b>	
	<b>P a r a l l e l  S e s s i o n s</b>	11:15 AM	<b>Session A (Amriteswari Hall)</b> (Session Chair: Prof. S. Babu Sunder, Cochin University of Science and Technology) <i>Introduction to Prof. Babu Sunder by Ms. Geetha M.</i>
			Automatic XML Data Translation in the Context of Evolving DTDs, <i>Prashant B V N and Sreenivasa Kumar P, IIT - Chennai</i>
			Ordered-Twig Query Processing over XML Streams, <i>A. Nizar and Sreenivasa Kumar P, IIT – Chennai</i>
			A Compressed graph based approach for Extracting Website Structure Parameters. <i>Santhi Thilagam, NIT – Surathkal</i>
		11:15 AM	<b>Session B (Vigyan Mandir)</b> (Session Chair: Dr. Ravi Mittal, Flextronics) <i>Introduction to Dr. Ravi Mittal by Ms. Aswathi</i>
			Web Service Selection Based on Requester's Alternative Constraints on QoS, <i>D.A. D'Mello and V.S. Ananthanarayana, NIT - Surathkal</i>
			A Specification Process for Communicating Security Policies to Trusted e-Health Information Systems, <i>Lakshmi Narasimhan, W. Kentucky University, and Peter Croll, Queensland University of Technology</i>
			Encoding Hierarchical Access Control Mechanism Key Using Tribes of Farey Fractions, <i>Rajendra Hegadi, Rajiv Gandhi Institute of Technology</i>
	12:15 PM	<b>Lunch</b>	
	1:15 PM	<b>Invited Talk 1 : Dr. Harrick Vin (Amriteswari Hall)</b>	
	<b>Introduction to Dr. Harrick Vin – Prof. Venkat Rangan</b>		
	<b>Navigating Complexity through Managed Evolution</b>		
2.15 PM	<b>Tutorial 1a: Prof. Lakshmi Narasimhan (Amriteswari Hall)</b>		
	Introduction to Prof. Lakshmi Narasimhan by Prof. Sriram		
	<b>Intelligent Integrated Engineering and Digital Asset Management and their Implications for Security and Health.</b>		
2.15 PM	<b>Tutorial 1b: Dr. R. Srinivasan (Vigyan Mandir)</b>		
	Introduction to Dr. R. Srinivasan by Ms. Manju		
	<b>Public Key Infrastructure for Vehicular Ad Hoc Networks - Research Potential</b>		

	3:15 PM	<b>End of Technical Sessions</b>
	3:15 PM	<b>Boat Ride</b>
	7.30 PM	<b>Dinner</b>

## Day 2 (Dec 14, 2007)

Date	Time	Event	
Friday 14 Dec 2007	7:00 AM	Breakfast	
	8:30 AM	<b>Tutorial 2a: Prof. Shambhu Upadhyaya (Amriteswari Hall)</b> Introduction to Prof. Shambhu Upadhyaya by Prof. Sriram <b>Protection Against Attacks on the Internet – Recent Advances in Cyber</b>	
	8:30 AM	<b>Tutorial 2b: Dr. Satya Sai Prakash (Vigyan Mandir)</b> Introduction to Dr. Satya Sai Prakash by Mr. Varun V. Nath <b>Data 2 Knowledge Transformation in (e) Learning - A Semantic Approach</b>	
	10:00 AM	<b>Tea Break</b>	
	10:15 AM	<b>Keynote 2 : Anil Jain (Amriteswari Hall)</b> <i>Introduction to Prof. Anil Jain – Prof. M.R. Kaimal</i> <b>Biometric Recognition: A New Paradigm for Security</b>	
	11:15 AM	<b>Invited Talk 2 : Prof. Bhargab Bhattacharya (Amriteswari Hall)</b> <i>Introduction to Prof. Bhargab Bhattacharya – Dr. Babu Sundar</i> <b>Digital Geometry and its Applications to Image Processing</b>	
	12:15 Noon	<b>AIMS Tour/ Lunch</b>	
	2:15 PM	<b>Invited Talk 3: Dr. Prasad Ram (Amriteswari Hall)</b> <i>Introduction to Dr. Prasad Ram – Prof. Venkat Rangan</i> <b>From Good to Great Search Experience</b>	
	P a r a l l e l  S e s s i o n s	3:15 PM	<b>Session C (Amriteswari Hall)</b> (Session Chair: Prof. M. Ramachandra Kaimal, Kerala University) <i>Introduction to Prof. Kaimal by Ms. Jyothisha J. Nair</i>
			Mining educational multimedia presentations: initial exploration and results. <i>M. Bari and B. Lavoie, University of Quebec, Montreal.</i>
			A System for Information Retrieval Applications on Broadcast News Videos, <i>T. Jain, S.R. Kunala, R.K. Kandala and Jawahar, IIIT- Hyderabad</i>
			GPSENSE: An Algorithmic Framework for Intelligent Sensing at Node Level in WSN, <i>Soujanya Soni, Rochester Inst Technology and Ankur Teredesai, University of Washington</i>
		3:15 PM	<b>Session D (Vigyan Mandir)</b> (Session Chair: Prof. B. Ramdoss, National Institute of Technology, Trichy.) <i>Introduction to Prof. Ramdoss by Dr. Wilscy</i>
			Extending the GSOM: Experiments in Cluster Behaviour. <i>Daswin De Silva and Daminda Alahakoon, Monash University</i>
			A Distributed k-means Algorithm for Data Mining Applications. <i>Malay Pakhira, Kalyani Engineering College.</i>
		GRASP: Geometric Recognition of Corner-to-Corner Straight Pieces in an Aerial Map, <i>P. Bhowmick (Bengal Engg and Science University) and B. B. Bhattacharya, Indian Statistical Institute</i>	
	4:15 PM	<b>Tea Break</b>	
	4:30 PM	<b>Invited Talk 4 : Prof. Shambhu Upadhyaya (Amriteswari Hall)</b> <i>Introduction to Prof. Shambhu Upadhyaya - Dr. Satya Sai Prakash</i> <b>How to Deal with Insider Threats?</b>	
	5:30 PM	End of Technical Sessions	
	7:00 PM	<b>Cultural Programmes</b>	

## Day 3 (Dec 15, 2007)

Date	Time	Event	
<b>Saturday</b>  <b>15 Dec</b> <b>2007</b>	7.00 AM	Breakfast	
	8:30 AM	<b>Tutorial 3a: Prof. P. Nagabhushan (Amriteswari Hall)</b>	
		Introduction to Prof. P. Nagabhushan by Mr. Rajesh M.	
		<b>Symbolic Data Mining</b>	
	8:30 AM	<b>Tutorial 3b: Prof. Murali Mohan Narasipuram (Vigyan Mandir)</b>	
		Introduction to Prof. Murali Mohan Narasipuram by Mr. Sarath	
		<b>Knowledge Management in Outcome Based Teaching and Learning (OBTL)</b>	
	10:00 AM	<b>Tea Break</b>	
	10:15 AM	<b>Invited Talk 5: Prof. K. Subramanian (Amriteswari Hall)</b>	
		Introduction to Prof. K. Subramanian – Prof. Laksmi Narasimhan	
		<b>Technology as an Enabler: Societal Advancement and Integration India-2010</b>	
	<b>P</b> <b>a</b> <b>r</b> <b>a</b> <b>r</b> <b>e</b> <b>i</b>  <b>S</b> <b>e</b> <b>s</b> <b>s</b> <b>i</b> <b>o</b> <b>n</b> <b>s</b>	11:15 AM	<b>Session E (Amriteswari Hall)</b> (Session Chair: Mr. Krishna Kumar, Amrita University, Amritapuri.) <i>Introduction to Mr. Krishna Kumar by Ms. Smitha S. Kumar</i>
			AN OVERVIEW OF ASCLEPIOS: an agile information exploitation for managing communicable diseases, <i>Lakshmi Narasimhan, Western Kentucky University.</i>
			<b>Short paper:</b> Near real time high speed satellite based data Distribution System for remote sensing satellite image data, <i>T.C. Sarma, National Remote Sensing Agency</i>
			<b>Short paper:</b> Analysis of Implementing a Temporal Database on a Conventional Relational Database and a Model for Eliminating Redundancy, <i>K. Unnikrishnan, Caledonian College of Engineering, Oman</i>
		11:15 AM	<b>Session F (Vigyan Mandir)</b> (Session Chair: Ms. Maneesha Sudheer, Amrita University, Amritapuri.) <i>Introduction to Ms. Maneesha by Mr. Binu</i>
			High capacity Image Steganography using Best T-codes, <i>S. Muttoo and S. Azad, Delhi University</i>
			Endoscopic image classification based on active contours without edges and Curvature Analysis, <i>Basavaraj Dhandra and Ravindra Hegadi, Gulbarga University</i>
		A Novel Approach for Prediction of Protein Structural Classes using Physicochemical Properties of Amino Acids. <i>R. Gupta, A. Mittal, K. Singh, D. Bhimsaria and A. Kumawat, IIT - Roorkee</i>	
12:15 PM	<b>Awards, Conclusion.</b>		
12:30 PM	<b>Lunch</b>		