

ADCOM 2008 - Programme Schedule

Sunday Dec. 14, 2008

09.00 am - 11.00 am	Tutorial 1: Market-Oriented Grid Computing and the Gridbus Middleware – <i>Dr. Rajkumar Buyya, University of Melbourne and Manjrasoft, Australia</i>		
11.00 am - 11.30 am	TEA BREAK		
11.30 am - 01.00 pm	Presidential Address - Dr. P. Mannar Jawahar .- Vice Chancellor , Anna University Chennai. Innaugural Address - Shri.M.Annadurai - Project Director, Chandrayaan-1 & 2 - ISRO Satellite Centre Key Note Address - Dr. S.V. Raghavan - Dept. of CSE, IIT Chennai.		
01.00 pm - 02.00 pm	LUNCH BREAK		
02.00 pm - 05.00 pm	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> Tutorial 2A: Content Delivery Networks- Overlay Networks for Scaling and Enhancing the Web Grid Computing - <i>Dr. Rajkumar Buyya and Mr. Mukaddim Pathan</i> </td> <td style="width: 50%; border: none; vertical-align: top;"> Tutorial 2B: Virtualization in Grid - <i>Dr. S.Thamarai Selvi , Anna University Chennai.</i> </td> </tr> </table>	Tutorial 2A: Content Delivery Networks- Overlay Networks for Scaling and Enhancing the Web Grid Computing - <i>Dr. Rajkumar Buyya and Mr. Mukaddim Pathan</i>	Tutorial 2B: Virtualization in Grid - <i>Dr. S.Thamarai Selvi , Anna University Chennai.</i>
Tutorial 2A: Content Delivery Networks- Overlay Networks for Scaling and Enhancing the Web Grid Computing - <i>Dr. Rajkumar Buyya and Mr. Mukaddim Pathan</i>	Tutorial 2B: Virtualization in Grid - <i>Dr. S.Thamarai Selvi , Anna University Chennai.</i>		

Monday, Dec.15, 2008

09.00 am - 10.00 am	Key Note Address - " Autonomics for Cloud/Grid Systems and Applications " - <i>Dr. Manish Parashar, Rutgers University, USA.</i>								
10.00 am - 10.30 am	TEA BREAK								
10.30 am - 12.30 pm	Sno	ID	Session - 1 : Soft Computing	Sno	ID	Session - 2 : Security	Sno	ID	Short Papers - 1: Image Processing
	Chair : Dr. T.Thyagarajan			Chair : Dr. Ranjani Parthasarathi			Chair : Dr. P. Anandha Kumar.		
	1	116	Extension of Max-Min Ant System with Exponential Pheromone Deposition Rule. - <i>Ayan Acharya, Aritra Banerjee and Amit Konar. Jadavpur Univeristy, WB</i>	1	66	Encryption of Digital Video Based On Lorenz Chaotic System. - <i>Hephzibah Kezia and Gnanou Florence Sudha. ECE, Pondicherry Engineering College, Pondicherry</i>	1	4	Image Denoising Using Modineighboring Wavelet and Multiwavelet - <i>Kother Mohideen</i>
	2	130	Fuzzy-PL Transformation Based Color Edge Detection. - <i>Eswaran Perumal, Rajesh R S and Poonkuntran Shanmugam. Manonmaniam Sundaranar University, Tirunelveli.</i>	2	85	New Method to Compute Auxiliary keys in LKH based Secure Group Key Management Scheme - <i>R Apama and B B Amberker. Siddaganga Institute of Technology, Tumkur and NIT Warangal</i>	2	5	Super Resolution of Image with Advanced Diffusion Technique - <i>Vijaya Arjunan, Vijaya Kumar</i>
	3	203	Fuzzy Entropy-based Object Segmentation with an Inertia-Adaptive PSO. - <i>Dhaval Jain, Gourab Ghosh Roy, Prithwish Chakraborty and Swagatam Das. Jadavpur Univ. Kolkata</i>	3	99	Key Management using K-Dimensional Trees. - <i>Renuka A and K. Chandrashekar Shet., CSE, M.I.T., Manipal and NITK</i>	3	6	Comparative Study of Texture models Using supervised segmentation - <i>S.Jenicka, A. Suruliandi</i>
	4	234	A Linear Programming Driven Genetic Algorithm for Meta-Scheduling on Utility Grids. - <i>Saurabh Kumar Garg, Pramod Kumar Konugurthi and Rajkumar Buyya. Univ. Melbourne, Australia</i>	4	147	A Robust Watermarking Scheme for Information Hiding. - <i>Ramani K, Prasad E.V., Varadarajan. S and Subramanyam A. SVEC,A.Rangampet JNTU, Kakinada SVU, Tirupati AITS, Rajampet</i>	4	10	Real - Time vector Quantization Based speaker Recognition - <i>G. Prabhakar, Dr. K. Ramanaidu</i>
	5	236	An Approach to Predict Hot Methods Using Support Vector Machines. - <i>Sandra Johnson and Valli Shanmugam. College of Engg, Guindy, Chennai</i>	5	156	Secure Authentication using Image Processing and Visual Cryptography for Banking Applications. - <i>Chetana Hegde. Manu S, Vidya A, P Deepa Shenoy, Venugopal K R, L M Patnaik; UVCE DIAT;</i>	5	16	Texture Models for Image Classification: A Comparative study - <i>K. Meena, A. Suruliandi</i>
	6	259	Local Texture Patterns –A Univariate Texture Model for Classification of Images. - <i>Suruliandi Andavar and Ramar Kadarkaraendi. Manonmaniam Sundaranar University, Tirunelveli and National Engg college, kovilpatti</i>	6	162	Audio Watermarking based on Mean Quantization in Cepstrum Domain. - <i>Vivekananda Bhat K, Indranil Sengupta and Abhijit Das. IIT Kharagpur</i>	6	16	Texture Models for Image Classification: A Comparative study - <i>K. Meena, A. Suruliandi</i>
							Sno	ID	Short Papers - 2 Data Mining
							1	7	Metaheuristic Algorithms for Detection of Ovarian Cancer - <i>J.Subash Chandra Bose, J.Jaya, M.Karnan and K.Thanushkodi</i>
							2	8	Ant Colony Optimization and a New Particle Swarm Optimization algorithm for Classification of Microcalcifications in Mammograms - <i>M.Karnan, K.Thangavel, and P.Ezhilarasu</i>
							3	9	Multilevel Mining rules in Mobile Environments based on Efficient - <i>M. Safar, B. Jacob, K.V. Promod</i>
						4	20	A Novel Clustering Method for GeneMicroarray Data Based on Intra_ Cluster Distance - <i>K. Bhattacharjee, S. Chatterjee, S. Konar and R. Janarthanan</i>	
12.30 pm - 01.30 pm	LUNCH BREAK								

		Session - 3 : Soft computing		Session - 4 : Grid Computing		Short Papers - 3 : Applications				
		Chair : Dr. P.Kanagasabapathy		Chair : Dr.V. Vaidehi		Chair : Dr. Kathiravan				
01.30 pm - 04.00 pm	1	30	OptiMUSIG: An Optimized Gray Level Image Segmentor . - <i>Sourav De, Siddhartha Bhattacharyya and PARAMARTHA DUTTA.; The University of Burdwan, Burdwan, WB</i>	1	58	Privacy Preserving Clustering- A Hybrid Approach. - <i>Manjula Kalita, Dhruva Bhattacharyya and Malayananda Dutta. CSE, Tezpur University</i>	1	12	A Novel Impulse Detector for Switching median filters - <i>SangeethaVani</i>	
		2	36	Channel Assignment in a High-Bandwidth de Bruijn Optical WDM Network submission information - <i>Monish Chatterjee, Swagato Sanyal and Uma Bhattacharya. Asansol Engineering College Asansol, India</i>	2	77	Checkpointing and Recovery Mechanism in Grid - <i>Sarjay Chaudhary and Janki Mehta. Dhirubhai Ambani Institute of Technology and Science Gandhinagar, India</i>	2	14	Connectivity Augmentation in Chordal graphs Preserving Chordality - <i>N.S. Narayanaswamy, S. Sadagopan</i>
		3	83	An Efficient LSI based Information Retrieval Framework using Simulated Annealing approach. - <i>Latha K and Rajaram R. Dean of CSE/IT Department, Thiagarajar College of Engineering, Madurai-15.Tamil nadu,India</i>	3	145	Enterprise Grid-enabled Web Portal for Protein Secondary Structure Prediction - <i>Chao Jin, Jayavardhana Gubbi, Rajkumar Buyya and Marimuthu Palaniswami. □ Univ. of Melbourne,</i>	3	18	An Improved Optimal Offline algorithm for the List Update Problem - <i>R. Mohanty, N.S. Narayanaswami</i>
		4	115	Fuzzy Based Interference Cancellation Scheme For OFDMA Systems. - <i>Rajeswari Arumugam. CIT Coimbatore</i>	4	163	A Novel Biclustering Algorithm for Discovering Value-Coherent Overlapping δ -Biclusters. - <i>Chandra Das, Pradipta Maji and P Maji. Netaji Subhash Engineering College, Kolkata; ISI Calcutta; Jadavpur Univ;</i>	4	27	Test Management Tools - <i>Narayanan Palani</i>
		5	179	Robust Analysis Of Blind And Non-Blind Multiple Watermarking Using Edge Detection And Wavelet Transforms. - <i>Veera Senthil and Bhaskaran R. Thiagarajar School of Mgt; and MKU Madurai</i>	5	222	Study and Performance Evaluation of P2P Networking in Context of Satellite Image Processing - <i>Nitant Dube, R.Ramakrishnan and Kankar Dasgupta. 1Space Applications Centre, ISRO, Ahmedabad, INDIA</i>	5	28	Estimation Model for Level-1 Support function in Application Service Maintenance Projects - <i>M.J. Basavaraj, K.C. Shet</i>
		6	205	Temporal and Spectral Processing of Degraded Speech. - <i>Krishnamoorthy P and SRM Prasanna. IIT Guwahati,</i>	6	273	Virtual Cluster Development Environment (VCDE) for grids. - <i>R. Kumar, Thamarai Selvi Somasundaram, R. Rajiv, P. Balakrishnan, Rajendar, D. Surendran, E. Mahendran, Rajesh Britto, Madusudhanan; Department of Information</i>	Sno	ID	Short Papers - 4 :Networks
		7	270	Mask based Data Hiding and Image Authentication Technique (MDHIAT) - <i>Anindita Sarakar, Nabin Ghoshal and Jyotsna Kumar Mandal. Dept. of USIC, University of Kalyani, Kalyani, Nadia, WB</i>	7	300	Relational Network Monitoring System for Grid Performance Optimization. - <i>Valliyammai Chinnaiah and Thamarai Selvi Somasundaram .</i>	1	13	Protection from DDoS Attack Using New Stack path marking Identification and Filtering Mechanism - <i>Shyamala Devi</i>
							2	19	Wireless Sensor Networks Security : A new Approach - <i>Kuldeep,Kalpna Sharma and M.K. Ghose</i>	
							3	22	Performance Evaluation of Vanet Using Grid Mobility Model and Reference Point group Mobility Model Comparative Study - <i>D. Rajini Girinath, Dr. S. Selvan</i>	
04.00 pm - 04.30 pm	TEA BREAK									
04.30 pm - 05.30 pm	Special Speech									
05.30 pm - 06.30 pm	Culturals									
07.00 pm	Dinner									

Time		Tuesday, Dec.16, 2008					
09.00 am - 10.00 am		Key Note Address - "Tracking Dynamics using Sensor Networks: Some Recurring Themes" - Dr. Krithi Ramamritham, Indian institute of Technology Mumbai, India.					
10.00 am - 10.30 am		TEA BREAK					
		Session - 5 : Mobile Computing			Session - 6 : Pervasive Computing		Posters
		Chair : Dr. R. Nakkeeran			Chair : Dr. V. Rhymend Uthariaraj		
10.30 am - 12.10 pm	1	105	LCFWSN - Energy Efficient Layered Cluster Formation Scheme for Clusterhead Life Extension in Wireless Sensor Networks. - Bhaskar Deosarkar, Narendra Singh Yadav and Dr. R.P Yadav. Malaviya National Institute of Technology, Jaipur	1	49	Protocols for Objects with Multiple RFID Tags - Gaurav Kapoor and selwyn piramuthu; University of Florida, Gainesville, Florida 32611-7169, USA.	11 Session Initiation Protocol Communication IP Multimedia subsystem, B D Deebak, Dr.Rajiv. V, Dharaskar Pramod Kumar Singh, Dr.N G Bawane
	2	151	Reducing Latency through Efficient Channel Allocation Methods for Multiversion Data Dissemination In Mobile Computing Environment. - Dr. R.Varadarajan and Chitra manikandan. SASTRA University, Thanjavur, Thiagarajar School of Management, Madurai	2	56	An RDF Approach for Discovering the Relevant Semantic Associations in a Social Network. - Thushar A. K. and P. Santhi Thilagam.National Institute of Technology Surathkal, Karnataka	15 Active Chat Tool for Customer Support in E Banking, Phanindra J, Chetana Hegde 17 Evaluation of Quality of link Based on Adaptive Routing on ADHOC Networks, Sandhya Rani, V.Sumalatha
	3	196	Performance Analysis of Mobile Web Service Partitioning Frameworks. - Muhammad Asif and Shikharesh Majumdar. Carleton Univ., Canada	3	74	A Decision Support Model for Filtering RFID Read Data. - Yu-Ju Tu and selwyn piramuthu. UIUC and Ufflorida	21 Distributed Parallel Motion Estimation Method for Real Time Video Sequence Compression, S.Jeyakumar, Dr.S.Sundaravadivelu 23 A Novel Algorithm for Classification of Medical Images Using Energy Information Obtained from Wavwlet Transform, N.Venkateswara Rao, P.Ramana Reddy
	4	239	DIMSMD: A Distributed Information Management System for Mobile Adhoc Networks. - Ratul Mukhopadhyay and Madhu Venugopal. WIPRO; UC Santa Barbara;	4	98	Multi-Hop Path Routing for Multiple Base Stationed Sensor Network using MTC Algorithm. - Manjula S H. Prabhavathi M, Arjun A V, Shaila K, L Nalini, K R Venugopal, L M Patnaik UVCE, Bangalore; DIAT	24 Design and Implementation of RNS Adaptive Filters, T.N.V.Deepthi, K. Rama Naidu 25 Comparative Study of Turbo Decoding Techniques, V.Tholkapiyan, N.Prabhuraj
	5	303	Adaptive Resource Management For TDD-	5	195	GBDD: Grid Based Data Dissemination in Wireless	
				7	209	Compressed Instruction Set Coding (CISC) for performance optimization of Hand held devices. - Geetha krishnan and Ammasaigounden N.. NIT Tiruchi	

12.10 pm - 01.10 pm		LUNCH BREAK				
		Session - 7 : Mobile Computing		Session - 8 : Application		
		Chair : Dr. P. Narayanasamy		Chair : Dr. K.M. Mehata		
01.10 pm - 03.10 pm	1	72	Mobility Metric based LEACH-Mobile Protocol. - <i>G Santhosh Kumar, Vinu Paul M V and K Poulouse Jacob. CS,Cochin University of Science and Technology,</i>	1	108	Complete Identification of a Dynamic Fractional Order System Under Non-ideal Conditions Using Fractional Differintegral Definitions. - <i>Deepyaman Maiti and Amit Konar. Jadavpur University, West Bengal</i>
	2	86	Performance Analysis of Integrated System under Impulse Noise and Multipath Channel using Turbo Coded OFDM. - <i>Rajesh Anbazhagan and Nakkeeran R. Pondicherry Engineering College, Puducherry, INDIA</i>	2	136	Feasibility Study of Novel Optical MEMS for Nano Computing Applications. - <i>Himadri Pandey and Prachi Km. Hindustan Petroleum Corporation Limited, INDIA. And SAPS Labs India Pvt Ltd Bangalore</i>
	3	104	Cross Layer Analysis Of Queuing With AMC Through GMSK Modulation Over Wireless Links. - <i>Manikandan A, Kamalakannan S, Vairamuthu Ramalingam S and Bharath Kumar B. K.L.N. College of Information Technology,</i>	3	192	A Goal Programming Procedure for Solving Interval Valued Multiobjective Fractional Programming Problems - <i>Bijay B. Pal and Shyamal Sen. Univ. Kalyani, WB; BKC College, Kolkata;</i>
	4	124	Energy Efficient Mobility Adaptive Distributed Clustering Algorithm for Mobile Ad Hoc Network. - <i>Suchismita chinara and Santanu Kumar Rath.; NIT Rourkela</i>	4	264	Multi-objective Scatter Search Algorithm for Combinatorial Optimisation. - <i>Dr. A. Rama Mohan Rao and Lakshmi K., Structural Engineering Research Centre, CSIR Campus, Taramani, Chennai,</i>
	5	158	Cluster Based Co-operative Game Theory Approach for Intrusion Detection in Mobile Ad-Hoc Grid. - <i>Santosh N, Saranyan R, Senthil kumar P, Vetrivelvi V. College Of Engineering, Guindy, Anna</i>	5	272	Wavelet Transform and Projection profiles in Handwritten Character Recognition - a Performance Analysis. - <i>Raju kurup. SCMS School of Technology and Management, Cochin, Kerala</i>
	6	240	Combinatorial Approach to Key Generation using Multiple Key Spaces for Wireless Sensor Networks . - <i>Reshma Channappa, Poomima Venkatesha, Archana Venkatesha and srinivas kg. M S Ramaiah Institute of Technology, Bangalore., UVCE, and DIAT</i>	6	274	Chaos and Stability in the Dynamic Behavior of Multi-Emotion Interactive Dynamics. - <i>Madhumala Ghosh. 2Aruna Chakraborty, 3Amit Konar and 4Atulya Nagar ETCE Dept., Jadavpur University, Kolkata-32</i>

03.10 pm - 03.40 pm		TEA BREAK				
		Session - 9 : Web Services		Session - 10 : Enterprise Computing		
		Chair : Dr. Rajkumar Buyya , Dr. V. Geetha		Chair :Dr. Ruppa Thulasiram, Dr.C.Chellappan		
03.40 pm - 05.00 pm	1	121	Dynamic Web Service based Image Processing System. - T Hemalatha, G.Athisha, S.Jeyanthi and R.A.Ramkumar. PSNA College of Engineering & Technology, Dindigul	1	68	Maintaining Determinism in Replicated Middleware Application. - Saravanan Ramaiah and Ramaraj Narayanasamy. PSNA College of Engineering and Technology, Dindigul,
	2	140	Multi-Agent Autonomic Architecture based Agent-Web Services. - Ankit Kumar, Ankur Tayal, Senthil Kumar R.K. and B.S. Bindhumadhava. CDAC Bangalore	2	114	An Efficient Event based Approach for Verification of UML Statecharts. - C.M. Prashanth, K.C. Shet and Janees Elamkulam. NITK and IBM Bangalore
	3	229	Web Service Selection Based on Requester's Offering Constraints. - Demian Antony D'Mello, V.S. Ananthanarayana and Raghavendra Achar. NITK Suratkal and St. Joseph Engg. College Mangalore.	3	282	Novel Approach for the use of Small World Theory in Particle Swarm Optimization. - Amit Kumar Saxena and Megha Vora. Guru Ghasidas University, Bilaspur, India and St. Peter's University, Chennai, India
	4	287	Limitations of Web Service Security on SOAP Messages in a Document Production Workflow Environment. - Smriti Kumar Sinha and Subrata Sinha. School of Engineering, Tezpur University, Assam, India and Assam Univ.	4	296	Small Population Based Modified Parallel Particle Swarm Optimization for Motion Estimation. - K.M. Bakwad, Dr. S.S. Pattnaik, Dr. B.S. Sohi, Swapna Devi, Ch. Vidya Sagar, P. K. Patra and Sastry V. R. S. Gollapudi . NITTTTR, Chandigarh

Time		Wednesday, Dec.17, 2008				
		Session -11 : High Performance Computing		Session -12 : DBMS		
		Chair : Dr. D. Vidhya, Shri. M.R. Rajagopalan		Chair : Dr.S. Kanmani		
08.30 am - 10.10 am	1	64	Improving Delay Performance in UMTS/WLAN Integrated Networks with Global Gateway	1	122	Efficient Mining of Maximal Patterns using Order Preserving Generators. - NATARAJ RV and
	2	75	Stego-Breaker: Defeating the Steganographic Systems through Genetic-X-Means approach using Image Quality Metrics. - S Geetha, Siva S.Sivatha Sindhu and N. Kamaraj. IT and EEE, Thiagarajar College of Engineering, Madurai-625 015, Tamil Nadu, India	2	220	Efficient Mining of Top-K Strongly Correlated Item Pairs using One Pass Technique. - Swarup Roy and Dhruva Bhattacharyya. North Eastern Hill University, Umshing, Shillong, Assam; Tezpur Univ. Assam;
	3	173	Clustering based Impulse Detection and Rank-ordered Regularization for the Restoration of Impulse corrupted Digital Images. - Saudia Subash, Dr. Justin Varghese, Dr. Krishnan Nallaperumal and Dr. Kumar Charlie Paul. MS Univ; PSN College of E& T, Tirunelveli	3	268	Nested XPath Query Optimization for XML Structured Document Database. - Radha senthilkumar. A. Kannan, G. B. Rakesh, N. Sasikala, S. Sathiya Raj; MIT Campus, Anna University
	4	299	Bandwidth Delay Quality Parameter Based Multicast Congestion Control. - Demian Antony D'Mello, V.S. Ananthanarayana and Raghavendra Achar. NITK Suratkal and St. Joseph Engg. College Mangalore.	4	280	Query Optimization for RFX Compact Storage Using Strategy List submission information. - Radha senthilkumar.S. Priyaa Varshinee2, S.Mani Priya3,M. Gowrishankar4, A. Kannan5; MIT Campus of Anna University
	5	302	Providing QoS as a means for defending DoS attacks in active networks. - P.Jayashree1 K.S.Easwarakumar2 MIT, Anna University and CEG, Anna University	5	306	Composite Transposition Substitution Chaining based Cipher Technique. - Jayanta Kumar Pal, J.K.Mandal, Somsubhra Gupta, JIS College of Engg; Univ. of Kalyani;
10.10 am - 10.30 am		TEA BREAK				
10.30 am - 11.30 am		Invited Talk - "A Grid Resources Pricing Model based on Financial Options Concept" - Dr. Ruppa K. Thulasiram , University of Manitoba, Canada.				
11.30 am - 01.00 pm		CDAC-ACS Foundation award Lecture: "Convergence of Technologies - Nano, Info, Bio and Cogno" – Prof. N Balakrishnan, Associate Director, Indian Institute of Science, Bangalore				
01.00 pm - 01.30 pm		Validictory Function				
01.30 pm		LUNCH				