

CNC 2011 – Accepted Full Papers

| Paper ID | Title |
|----------|---|
| 2 | Design for Testability for Circular Banyan Switch for Next Generation Networks |
| 20 | Design and Implementation of Protocol MIL-STD-188-110A and Evaluation of Equalizer and Interleaver in This Protocol |
| 21 | Solar Cell - A Novel Process Control Transducer |
| 59 | A Novel Symmetrical Heuristic Diffraction Coefficient for Urban Microcellular Environments |
| 63 | A Hybrid Aggregation Technique for Continuous-Monitoring in Wireless Sensor Networks |
| 64 | UWB- The Technology for Short-Range High-Bandwidth Communications |
| 65 | Co-existence, competition and interference of Bluetooth and WLAN |
| 73 | Compact CPW- Fed Antenna with Semicircle on Two Rectangular Patches for WLAN Application |
| 74 | CPW- Fed Folded NOVEL Antenna for Dual band WiMAX/WLAN Applications |
| 75 | Technical White Paper on “Time And Frequency Synchronization Algorithms In OFDM” |
| 76 | FLD-SIFT: Class Based Scale Invariant Feature Transform for Accurate Classification of Faces |
| 77 | A DECISION SUPPORT SYSTEM TO ASSESS & ANALYZE UNIVERSITY LEVEL RESEARCH ACTIVITIES |
| 81 | Simulation, Implementation and Real Time Profiling of Spectral Subtraction and Wavelet De-noising Algorithms for Speech Enhancement |
| 82 | Energy-efficient Multilevel Clustering in Heterogeneous Wireless Sensor Networks |
| 83 | Understanding the performance of multicore platforms |
| 91 | IMPROVISATION OF E-LEARNING SYSTEM USING WEB SERVICES COMPOSITION |
| 95 | Consensus based Dynamic Load Balancing for a Network of Heterogeneous Workstations |
| 99 | Consensus based Dynamic Load Balancing for a Network of Heterogeneous Workstations |
| 101 | Detection and Tracking of Moving Object in Compressed Videos |
| 108 | An Enhanced Round Robin Policy for Real Time Traffic |
| 112 | A Novel Reconfigurable Video Burst Processor Offering High QoS |
| 129 | A Novel Reconfigurable Video Burst Processor Offering High QoS |
| 143 | An Efficient Technique for Protein Classification Using Feature Extraction by Artificial Neural Networks |

| | |
|-----|---|
| 146 | gBeL: An Efficient framework for e-Learning using Grid Technology |
| 152 | Multi-feature Fusion for Closed set Text Independent Speaker Identification |
| 160 | An Algorithm Design to Evaluate the Security Level of an Information System |
| 165 | Multi-Agent based Dynamic Data Integrity protection in Cloud computing |
| 172 | Design of Efficient Reversible Parallel Binary Adder/Subtractor |
| 173 | Accelerating Sparse Bundle Adjustment using CUDA for Real-time Multiview Reconstruction |
| 174 | A Novel Approach Towards Analysis of 2-Dimensional Spatial Intensity Profile of Laser Beams |
| 175 | CPW- Fed Rectangular Slot Antenna for Wideband application |
| 180 | A SRS Document based Software Complexity Estimation and its Robustness analysis |
| 183 | A Computationally Simplified Numerical Algorithm for Evaluating a Determinant |
| 185 | Cell-ID Based Vehicle Locator and Real-Time Deactivator Using GSM Network |
| 187 | Pre-processed Depth First Search |
| 190 | Fuzzy Decision Trees Based on Rough Fuzzy Set Techniques |
| 200 | A Novel Model for Software Effort Estimation Using Exponential Regression as firing Interval in fuzzy logic |
| 206 | Deriving Association between Learning Behavior and Programming Skills |
| 210 | Security Testing in Software Engineering Courses |
| 504 | Recent Advances in 3D Streaming over Peer-to-Peer Networks |
| 510 | Analysis of A New base Station Receiver for Increasing Diversity Order in a CDMA Cellular System |
| 511 | Fractional Order Controller for Nuclear Reactor |
| 530 | Efficacy of Multiband OFDM Approach in High Data Rate Ultra WideBand WPAN Physical Layer Standard using Modified Channel Models |
| 544 | Microturbine based Distribution Generation system feeding to Induction Motor Drive and Permanent Magnet Synchronous Motor Drive |
| | |
| | |
| | |
| | |

CNC 2011 – Accepted Short Papers

| | |
|---|---------------------------------|
| 3 | Threats Analysis on VoIP System |
|---|---------------------------------|

| | |
|----|--|
| 4 | TIME-FREQUENCY REPRESENTATION OF VOCAL SOURCE FOR SPEAKER VERIFICATION |
| 6 | Image Restoration Using Adaptive Switching Median Filter |
| 22 | WAVELET TRANSFORM BASED IMAGE REGISTRATION AND IMAGE FUSION |
| 24 | Design and Implementation of Software Defined Radio based configurable Digital modulation techniques on FPGA |
| 25 | Establish trust in Social Network for Mobile Marketing using Fuzzy Logic |
| 26 | Digital On Line Autotuning of System Based on Successive Approximation Method |
| 28 | Visual cost function optimization using simple genetic algorithm (SGA) for digital half-toning |
| 39 | Intelligent Semantic Discovery in Virtualized Grid Environment |
| 40 | Comparative analysis of metallic CNT interconnects for nanometer scale VLSI technologies |
| 41 | Signal recovery from incomplete and inaccurate measurements |
| 42 | A Comparative Study of Viterbi and Fano Decoding Algorithm for Convolution Codes |
| 45 | Verifying and Enhancing the Correctness of Dynamic Composite Web Service |
| 48 | Script Identification for a Tri-lingual Document |
| 51 | Efficient scheduling of advanced reservations with traffic grooming using varying transmission rates in WDM optical grids. |
| 52 | Adaptive channel searching algorithm in opportunistic spectrum model |
| 57 | Analysis of Different Key Distribution Schemes for Distributed Sensor Networks |
| 60 | Audio database watermarking for Tamper detection |
| 67 | Novel Approach To Predict Path Loss In Hilly Terrain Scenario |
| 68 | Agent based Information Aggregation and Routing in WSN |
| 78 | View Based Approach for Recognition of Human Movement |
| 79 | EARLY CONGESTION DETECTION AND SELF CURE ROUTING IN MANET |
| 85 | Segmentation of Microcalcifications Using Genetic Algorithm with a Novel Crossover Operator |
| 88 | Design of a Low Power High Speed ALU in 45nm Technology Using GDI technique and its Performance Comparison |
| 90 | NORMALIZATION OF SEMANTIC BASED WEB SEARCH ENGINES USING PAGE RANK ALGORITHM AND HYPER GRAPH BASED CLUSTERING |

| | |
|-----|--|
| 94 | A New Buyer-Seller Watermarking Protocol With Discrete Cosine Transform |
| 97 | Molecular Dynamics Simulations of a Protein in Water and in Vacuum to study the solvent effect |
| 100 | EFFICIENT NON-CHRONOLOGICAL DYNAMIC VIDEO ABSTRACTION USING THE RACK-THROUGH METHOD |
| 102 | gBeL: An Efficient framework for e-Learning using Grid Technology |
| 103 | TARGET TRACKING IN AERIAL VIDEOS USING IMAGE REGISTRATION TECHNIQUES |
| 106 | COST CONTROL AND QUALITY MAINTENANCE METRICS FOR COMPONENT- BASED SOFTWARE DEVELOPMENT |
| 109 | High Speed Low Hardware Overhead Normalization Unit for a Floating Point Coprocessor |
| 119 | High Speed Low Hardware Overhead Normalization Unit for a Floating Point Coprocessor |
| 120 | WCDMA-Third Generation Radio Interface |
| 122 | A Cluster Based Multi-Radio Multi-Channel Assignment Approach in Wireless Mesh Networks |
| 128 | VSPACE: A New Secret Sharing Scheme Using Vector Space |
| 130 | Secure Group Diffie-Hellman Key Exchange with ID Based Cryptography |
| 133 | Computing with Enhanced Test Suite Reduction Heuristic |
| 135 | ROBOTIC ARM WITH FINGER MOVEMENT |
| 138 | Impulse Noise Removal in Digital Images Using Image Fusion Technique |
| 139 | Faster Arithmetic and Logical Unit CMOS Design with Reduced Number of Transistors |
| 142 | Evaluating the performance of TCP and CBR in tree based and mesh based ad-hoc multicast routing protocol |
| 144 | An Efficient Technique for Image Approximation using Artificial Neural Network |
| 147 | Dimensionality Reduction of Data Warehouse using Wavelet Transformation: An enhanced approach for Business Process. |
| 150 | A Novel Approach for Protocol Adaptation for Labelled Interface Automata |
| 156 | Target Selection of Customers for Telecom Service Providers Using K-Means Clustering and Backpropagation Artificial Neural Network |
| 157 | Analysis of Adaptive Floating Search Feature Selection Algorithm |
| 159 | Template Matching Using Sum and Difference in Pixel Intensities |
| 162 | Image Registration Using Mexican-Hat Wavelets and Invariant Moments |

| | |
|-----|---|
| 163 | Design of FFT/IFFT for OFDM Using VHDL |
| 177 | Reconfigurable VLSI Architecture for Graph Color Allocation with its Chromatic Number |
| 181 | Interference Rejection Performance of Adaptive Beam Forming through LMS Algorithm |
| 182 | Performance analysis of a Rake receiver with LMS algorithm |
| 186 | Centralized Management Approach for WLAN |
| 188 | A New Metric Based Cluster Head Selection Technique for Increasing the Lifetime of Energy Aware Wireless Sensor Networks |
| 192 | Hop-Count Filtering: A Successful Security Alongside Spoofed Network Traffic |
| 199 | Speech Recognition System using Euclidean distance |
| 201 | Detecting and Preventing IP Spoofed Attack by Hashed Encryption |
| 202 | Segmentation of Image Using Watershed and Fast Level set methods |
| 203 | A Feature Extraction Algorithm with Minimum Entropy for Images |
| 205 | EFFICIENT IMAGE SMOOTHING AND SHARPENING BY USING ADAPTIVE BILATERAL FILTER |
| 208 | Impulse Noise Reduction Using Mathematical Morphology |
| 211 | Impulse Noise Reduction Using Mathematical Morphology |
| 212 | Swarm Intelligence For Mixed Pixel Resolution |
| 213 | Selecting Relay Node with Active Position Detection in VANET Broadcasting |
| 501 | Secured & Authentic Communication by Combined Approach of Digital Watermarking & Steganography |
| 505 | Improving the QoS Routing for Mobile Ad Hoc Networks |
| 509 | Performance Evaluation of Wibree LAN by using Extended Queueing Petri nets and Markov Algorithm along with Adaboost algorithm |
| 515 | A Novel Scheduling Algorithms for MIMO Based Wireless Networks |
| 518 | AN APPROACH TOWARDS PROMOTER DATABASE SEARCH USING HIDDEN MARKOV MODEL |
| 522 | Computational Characterization of CNT-Papain Interactions for Developing a Biosensor |
| 535 | A Fast Sentence Searching Algorithm |
| | |
| | |
| | |

CNC 2011 – Accepted Poster Papers

| | |
|----|--|
| 1 | SQL To XPath Conversion |
| 7 | Quantum key distribution for free space communication |
| 9 | Design of High Speed Optimized Flash ADC |
| 13 | Enhancement of Noise Handling Capacity with Cryptographic Algorithms using Convolution Encoding |
| 15 | Analysis and performance of face recognition system using log Gabor filter bank with HMM model |
| 17 | Web Exploiting Bioinformatics Tools Retrieval Ability Analysis For Quality Estimation |
| 18 | Use of TCAD for the Fabrication of Sub-40nm Bulk MOSFET and Its Performance Investigation |
| 19 | e-Learning and Semantic Web |
| 23 | Innovative Framework for Data Structure Using Design Patterns |
| 35 | REMOVING NON SUPERFLUOUS CLUSTERS IN THE SUBSPACE |
| 36 | An Efficient Cryptographic Approach for Secure Policy Based Routing (TACIT Encryption Technique) |
| 37 | Alleviating the Data Loss in Congested Sensor Networks using a Differentiated Routing Methodology |
| 43 | Minutiae Based Fingerprint Templates Compression |
| 44 | Interoperable Dynamic Composite Web Service |
| 46 | Issues in Time and Frequency Synchronization in WCDMA System |
| 49 | A MESSAGE PASSING SYSTEM WITH FAULTY NODE IDENTIFICATION FOR MOBILE AGENTS |
| 54 | Automatic Traffic Signal Controller for Roads by Exploiting Fuzzy Logic |
| 55 | A model for detection, classification and identification of spam mails using decision tree algorithm |
| 56 | MULTIMEDIA CONFERENCING FOR MANET IN CLUSTER BASED SIGNALING |
| 58 | Rainfall Prediction Analysis using SVR based on Swarm Optimization |
| 62 | Optimal Zone Radius for the Zone Routing Protocol(ZRP) |

| | |
|-----|---|
| 66 | Adaptive QOS guided Ant Algorithm for data intensive Grid Scheduling |
| 70 | INFERRING PRIVATE DATA BY PROVIDING PRIVACY PRESERVING TECHNIQUES |
| 72 | SPECIFICATION BASED TEST CASE GENERATION USING CLASSIFICATION TREE METHOD |
| 80 | ECG Signal Processing & Data Interpretation using Hilbert Transform & Hilbert-Huang Transform |
| 86 | Automation of Toll Collection by Using Image Processing |
| 93 | New Mutants Generation for Testing Java Programs |
| 96 | High Speed Pattern Matching For Intrusion Detection in Network Security |
| 104 | FEDERATED QUERY PROCESSING SERVICE IN SERVICE ORIENTED BUSINESS INTELLIGENCE |
| 105 | Search Engine Technique Using New Ranking Algorithm for Web Mining |
| 107 | Technique for Enhancing the Performance of a Web Search Engine |
| 110 | Design of GSM Based Auto-Responder for Educational Institute |
| 113 | Comparative Study of P2P and Cloud Computing Paradigm Usage in Research Purposes |
| 115 | English to Indian Language's Translation using Sanskrit as Intermediate Language |
| 116 | A Novel Approach to Hindi Text Steganography |
| 117 | Cyclic Prefix Based Modulation Selection using Comparative Analysis of EVM and RCE for WiMAX Network |
| 121 | Wireless/Mobile Communication Aegis Taciturn "An Automatic Call Detection & Notification System" |
| 123 | Object Detection and Tracking in Videos using Snake and Optical Flow Approach |
| 125 | Experimental Study of Rank 1 Chaos in Chua's Oscillator with Cubic Nonlinearity |
| 132 | A Novel Algorithm for the implementation of PSO-based SVM |
| 134 | Detecting the replay attack in key-management over SCADA communication network. |
| 136 | An Improved Technique for Handling Information Regarding Location of Moving Object |
| 137 | NoteBox: An Open Source Architecture for Word Processing on the Mobile |
| 149 | Advanced Bioinformatics Approach in Machine Learning for Analyzing Genome Wide Expression Profiles and Proteomic Data Sets. |
| 151 | Simulation and Performance analysis of OLSR under identity spoofing attack for Mobile Ad-hoc Networks |

| | |
|-----|---|
| 153 | Bayesian Belief Networks – based Product Prediction for E Commerce Recommendation |
| 161 | Yield Prediction Using Artificial Neural Networks |
| 164 | TM Speedometer: The Series of Experimental Result |
| 166 | A novel approach for Matrix Chain Multiplication using Greedy Technique |
| 169 | Width of a Binary Tree |
| 184 | Unified Knapsack Problem |
| 191 | Autonomous System Dealings in the Internet |
| 193 | Traffic Load Based Performance Analysis of DSR & STAR Routing Protocol |
| 194 | Data integration using web services in SOA |
| 198 | Directivity Prediction Of Two Element Dipole Antenna Array Using Radial Basis Neural Network |
| 204 | Voice Activated Multiprocessor Embedded System to Improve the Control of a Motorized Wheelchair |
| 209 | Recent Advances in 3D Streaming over Peer-to-Peer Networks |
| 503 | Omega loops of proteins in Homo sapiens : Role in diseases |
| 514 | Joint Source and Channel Coding using Punctured Ring Convolutional Coded CPM |
| 519 | Algorithms For Estimating User Preferences in Single and Multi user Context Aware Environments |
| 521 | Combined Approach of Software Level Changes for Power Optimization in a Battery Operated Embedded Devices |
| 525 | Automatic Segmentation of Pectoral Muscle in Mammograms Using Simple Binary Thresholding |
| 538 | Using demographic Moment Invariants and Entropy in Image Retrieval |
| 540 | Using demographic Moment Invariants and Entropy in Image Retrieval |
| 541 | Parallel-Prefix Adder Architecture With Efficient Timing-Area Characteristic |
| 542 | A complete Automatic Robotic System for the Sewer and Oil Pipeline |
| 543 | Design of Software Visualization Tool for the Behavior of Attributes of Object oriented programming |