

2011 3rd International Conference on Computer Research and Development (ICCRD 2011)

With workshops
ICSEM 2011
ICSIC 2011

Shanghai

March 11-13, 2011

Co-Sponsored by



Registration Only: March 11, 2011 (Friday)

Lobby of Rendezvous Merry Hotel Shanghai

10:00 – 12:30 13:30 - 17:00	Arrival and Registration
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- Note :** (1) You can also register at any time during the conference.
 (2) Certificate of Participation can be collected at the registration counter.
 (3) The organizer won't provide accommodation, and we suggest you make an early reservation.

Conference: Morning, March 12, 2011 (Saturday)

Venue: Conference Room 1

9:00 - 9:15	Opening Remarks
9:15 - 10:00	Keynote Speaker Speech I Prof. Wang Jun The Chinese University of Hong Kong, Hong Kong
10:00 - 10:45	Keynote Speaker Speech II Prof. Chin-Chen Chang Feng Chia University, Taiwan
10:45- 11: 00	Coffee Break & Photo Session
11:00 - 11:45	Keynote Speaker Speech III Prof Soumaya Yacout École Polytechnique de Montréal, Canada

12:10 - 13:00	Buffet Lunch
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Afternoon, March 12, 2011 (Saturday)

SESSION – 1 (ICSCI) –Solid-State and Integrated Circuit

Venue: Conference Room 1

Session Chair:

Time: 13:00 – 15:30

C00002	A Switchable Single / Double-band Low Noise Amplifier Chun-Hung Wu, Jeng-Rern Yang
C00003	An Inductorless and Capacitorless LNA with Noise and Distortion Cancelation Keping Wang, Kiat Seng Yeo, Kaixue, Ma, Zhigong Wang
C00005	A 0.1-2 GHz CMOS RF Front-end for Software- Defined Radio Applications Lei Xuemei Wang Zhigong Wang Keping
C00009	Electrical and optical characteristics simulation of GaN/AlGaIn p-i-n Avalanche photodiode Xiaodong Wang, Weida Hu, Xiaoshuang Chen, and Wei Lu.
C00010	Ultra-Wideband Bandpass Filter With Dual Notched Bands Using Hybrid Microstrip/CPW Structure Cong-Liu, Jun-Xu
C00011	Detecting the Anti-Islanding Protection based on combined changes of Active and Reactive Output Powers of Distributed Generations H.Nasir aghdam, N.Ghadimi, P.Farhadi, F.Hashemi AND R.Ghadimi
C00013	Modeling of interface scattering of AlGaIn/GaN/InGaIn/GaN double-heterojunction

	HEMTs Lin Wang, Weida Hu, Xiaoshuang Chen, and Wei Lu.
C00015	Optimization of Mixed Polarity Reed-Muller Functions using Genetic Algorithm M. Yang, Hongying Xu, A.E.A. Almaini
C00017	An Integrated Differential 60 GHz Sliding-IF Receiver in SiGe BiCMOS Yaoming Sun, Klaus Schmalz, Srdjan Glisic, Ruoyu Wang and Christoph J. Scheytt
C00018	Steady-State Analysis of Nonlinear Oscillators Using Sensitivity Approach Arman Sargolzaei, Subramaniam Ganesan, Hamidreza Ramezani, Ghazaleh Darmani.
C00019	A BIST Scheme based on Resistance Match for Current-Mode R-2R Ladder Digital-to-Analog Converter Yuan Jun, Tachibana Masayoshi
C00021	A 15 GHz CMOS Low Phase Noise VCO Using Coupled Coplanar Waveguide Long Huang, Shengyue Yuan, Runxi Zhang, Wei Li
C00022	A 24 GHz Class-A Power Amplifier in 0.13um CMOS Technology Hashim Raza Khan, Qamar ul Wahab
C00023	Design and analysis of a high-performance sense amplifier for Phase Change Memory Xi Li, Hou-Peng Chen, Zhi-Tang Song
C00024	A Novel Low-Ripple Charge Pump for PCM FU Cong, SONG Zhi-Tang, CHEN Hou-Peng, DING Sheng
C00026	MOSFET Mobility Model at Nanoscale Including Temperature Effects Jashan Deep Singh, Gagan Wadhwa
C10009	Energy and Thermal Aware Mapping for Mesh-based NoC Architectures Using Multi-objective Ant Colony Algorithm Yanhua Liu, Ying Ruan, Zongsheng Lai, Weiping Jing
C00029	Comparison of different MOS-triggered SCR structures for on-chip ESD protection Fei Ma, Yan Han, Bo Song, Shurong Dong, Meng Miao, Jianfeng Zheng and Jian Wu
C00031	Efficiency Improvements For A Speech Recognition Coprocessor Hui Geng, Weiqian Liang, Ming Dong, Runsheng Liu
C00050	Design of Speech Recognition Co-Processor with Fast Gaussian Likelihood Computation Li Li, Weiqian Liang, Hui Geng
C00032	20 MS/s, 1.6 mW, 50dB SFDR Switched-Capacitor DAC Oleg Nizhnik, Kohei Higuchi, Kazusuke Maenaka and Takashi Ooshima
C00035	Optimal Placement of FACTS devices based on Network Security Jafar Jafarzadeh, Mehrdad Trafdar Haq, Seyyed Mehdi Mahaei and payam Farhadi
C00039	Surface Potential Based Model for Amorphous IGZO Thin Film Transistors Hongyu He, Huiling Tang, Xueren Zheng
C00040	Extraction of Dielectric Constant Based on S-parameter Inversion Method YANG Ling-ling, SUN Ling, SHI Quan, SUN Hai-yan
C00041	Frequency Behavior of the Microcontroller Immunity Against the Conducted Radio Frequency Disturbance on Oscillator Pins Tao Su, Markus Unger, Thomas Steinecke, Robert Weigel
C00042	Characterization and Modeling of 18-40GHz mm-Wave Tunneling Diode Detector Xiao WANG, Hongxi XUE
C00043	Energy-Efficient Dual Array Capacitive DAC and Switch Control for SAR ADC Abhisek Dey and Tarun K. Bhattacharyya
C00049	Power System Stability Enhancement Using Static Synchronous Series Compensator (SSSC) Mehdi Faridi, Habib maeiat, Mohammad Karimi, Hosein Mosleh, Payam Farhadi

C00052	Design and Analysis of Low Power Carbon Nanotube Field Effect Transistor (CNFET) D Flip-Flops (DFFs) Övünç Polat and Ali Manzak
C00053	An Enhanced TLP System for ESD Characterization in Semiconductor Technologies Guang Chen, Le Gao, Ning Zhang, Shaolong Liu, Yuhua Cheng
C20005	40-GHz VCO with 10-GHz Tuning Range in a 90-nm CMOS Technology Zhu Li, , Zhigong Wang, Zhuqun Li, Qin Li, Geliang Yang, Faen Liu,
C20010	A Q-Band Common Source Low Noise Amplifier Using 90-nm RF CMOS Process Geliang Yang, Zhigong Wang, Liqin, Keping Wang
C20011	A Monolithic 0.18 μm CMOS Frequency Synthesizer for WLAN 802.11a Application Wu Xiushan Huan Changhong Chen Zhiqiang Wang Li Pan Lanfang
C00044	Model of Self-Heating Effect for Undoped Polycrystalline Silicon Thin Film Transistors Qiong Wu, Ruohe Yao, Hongyu He

15:30 - 15:40	Coffee Break
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Afternoon, March. 12, 2011 (Saturday)

SESSION – 2 (ICESM) – System Engineering and Modeling

Venue: Conference Room 1

Session Chair:

Time: 15:40 – 18:10

M016	A COMPLETE INTERFACE DEVICE NAVEEN M N
M019	SOFTWARE FAULTS PREDICTION USING MULTIPLE CLASSIFIERS BHEKISIPHO TWALA
M022	cbmLAD - using Logical Analysis of Data in Condition Based Maintenance Mohamad-Ali Mortada and Soumaya Yacout
M023	Linear Programming Model For Optimizing of Noise and Vibration in Passenger Car Cabin Ahmad Kadri Junoh, Zulkifli Mohd Nopiah, Wan Zuki Azman Wan Muhamad, Najah Ghazali, Noor Adila Aluwi Shakir, Mohd Jailani Mohd Nor, Mohammad Hosseini Fouladi
M10012	Ferry Scheduling Model Using Linear Programming Technique Wan Mohd Khairy Adly Wan Zaimi, Mohd Syafarudy Abu, Ahmad Kadri Junoh, Wan Nor Munirah Ariffin
M10013	A Study on the Effects of Tyre to Vehicle Acoustical Comfort in Passenger Car Cabin Ahmad Kadri Junoh, Wan Zuki Azman Wan Muhamad, Zulkifli Mohd Nopiah, Mohd Jailani Mohd Nor, Ahmad Kamal Ariffin, Mohammad Hosseini Fouladi
M024	Performance Evaluation of the HRDAMA-PB MAC Protocol for GEO Satellite Networks Xin Yuanbo, Zhou Xi, She Yang, Pan Yaohua
M025	4UMS cassava harvester type of simulation analysis and structural optimization Yuan Zhang, Hui Huang, Zhende Cui, Ming Li
M029	Model a Helicopter's Yaw Dynamics Through Mode Identification Guanlin Wang, Jihong Zhu, Hui Xia, Chengxu Yang
M040	Organizing Knowledge to Support Requirements Analysis A. Rahman Mat and Shaoying Liu
M047	An improved nonlocal means algorithm based on regression analysis Jin Xu, Pengcheng Zheng, Rui Lv

M048	Aerodynamic modeling and State-Space model extraction of a UAV using DATCOM and Simulink Ansar Rauf, Muhammad Aamir Zafar, Zeeshan Ashraf and Humza Akhtar
M050	MODELING AND CONTROL OF SCALED A TOWER CRANE SYSTEM Mustafa TINKIR, Mete KALYONCU, Ümit ÖNEN and Yusuf ŞAHİN
M051	Competition of Fuzzy Logic Controllers Applied on Flexible Manipulator Mustafa TINKIR, Ümit ÖNEN, Mete KALYONCU and FATİH MEHMET BOTSALI
M052	Application of Adaptive Neural Network Based Interval Type-2 Fuzzy Logic Control on A Nonlinear System Ümit ÖNEN, Mustafa TINKIR, Mete KALYONCU and Fatih Mehmet BOTSALI
M056	Trajectory Planning and Adaptive Neural Network Based Interval Type-2 Fuzzy Logic Controller Design of 3-DOF Robot Yusuf ŞAHİN, Mustafa TINKIR and Arif ANKARALI
M063	Network Based Type-2 Fuzzy Logic Controller Design for Hydraulic System Mustafa HAYDİM, Mete KALYONCU, Mustafa TINKIR, Ümit ÖNEN
M055	Adaptive Neural Network Prediction Model for Energy Consumption Maryam Jamela Ismail, Rosdiazli Ibrahim, Idris Ismail
M076	Development of Predictive Emission Models for Various Applications using ANN Elangeshwaran Pathmanathan, Rosdiazli Ibrahim, Vijanth Sagayan Asirvadam
M20015	A Study on Control Valve Fault Incipient Detection Monitoring System Using Acoustic Emission Technique Intan Najiha binti Mohd Shukri, Goh Yoke Mun, Rosdiazli bin Ibrahim
M059	The Market Position of Digital Music Services based on Hybrid MCDM Approaches Chia-Li Lin
M095	A Systematic Approach to Assemble Sequence Diagrams from Use Case Scenarios Mohamed El-Attar
M098	Efficient Scheduling Strategies in High Performance Computing Service Platform for Shanghai Colleges Lihua Zhang, Bofeng Zhang, You Zhang, Longhai Zeng
M111	Query Transformation for Exact Cardinality Computing Prariwat Kwanglat, Juggapong Natwichai
M118	Query Incremental Web Ranking on P2P networks Sumalee Sangamuang, Juggapong Natwichai, Pruet Boonma
M112	Entropy for Vague Sets based on Convex Simplex WEI Bo, PENG Jun-Huan, YANG Hong-Lei
M070	Improved technique for particle size distribution determination in dynamic light scattering Xinjun Zhu, Jin Shen, Xianqiang Wang, Wendong Shi

19:00 - 21:00	Dinner
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Afternoon, March. 12, 2011 (Saturday)

SESSION – 3 (ICESM) – System Engineering and Modeling

Venue: Conference Room 2

Session Chair:

Time: 13:00 – 15:30

M113	Research on the Normalization Method for Identification of Temperature Field in Intelligent Building Based on Stereographic Projection Zhenya Zhang; Hongmei Cheng; Shuguang Zhang
M114	Research on the Performance of Feed Forward Neural Network Based Temperature

	Field Identification Model in Intelligent Building Zhenya Zhang; Hongmei Cheng; Shuguang Zhang
M125	Development of 3D Sound Simulation System for Flight Simulator Sheng Xiaowei, Zheng Shutao, Han Junwei, Hao Minghui
M129	Research on a simulation platform assisting Analysis of the Cluster Tool Xiuhong Zheng, Jingtao Hu, Haibin Yu
M131	A New Method to Building Simulation Model for Space-Vector-Modulation and Two-Level Three-Phase Inverter Chen Guo-qiang
M136	Incorporating Affectivity into Preference Elicitation for Personalized Recommendation via Spreading Activation Xiaohui Li, Tomohiro Murata
M145	MediaEvo Project: a Serious Game for the Edutainment Lucio T. De Paolis, Giovanni Aloisio, Maria G. Celentano, Luigi Oliva, Pietro Vecchio
M149	Application of Data Mining Algorithms in the Analysis of Financial Distress Early Warning Model of Listed Company Dou Xuexia
M156	Voice Source Simulator using Simulink and Matlab Cheolwoo Jo, Jaehee Kim
M10003	The Systems Analysis and Thinking of Administration in Distance & Open Education Dr. WANG XiaoMing, M Sc. LI Qiang
M10004	Design & Developing a Model for Minimizing Movement in Mobile Network Sara Tagarian and Mahdi Karbasian
M10006	A Fast Encoding Algorithm for Vector Quantization Based on Weighted Variance Inequality and Hadamard Transform Linbo Xie, Bang Huang
M10010	A WEB based framework to face issue of marine water vulnerability Simone Manca, Pierluigi Cau, Costantino Soru, Antioco Vargiu, Davide Muroli and Elisabetta Peneva
M20009	The design of a vector hydrophone's chip-level damping structure XibaoLiu, GuojunZhang, LinggangGuan, LiangxiaYan, ChenyangXue
M20024	Comprehensive Judgment for Urban Water Supply Performance Based on the SE-DEA Model YANG Jun-yao, YUE Jian-fei
M20025	Control Oriented Real Time Model of Marine PowerStation Diesel Engine Based on Neural Networks Sun Bin, Zeng Fan-ming, Chen Yu-tao
M30018	Study on Representation of Uncertainty Rough Information Entropy in Rough Set Dai Xiaopeng and Li Donghui
M30019	The Question about Dimensional Summarizability and its Countermeasures Dai Xiaopeng and Li haibo
M30031	Computer virus propagation modeling and simulation Li Zhuo, Li Changping
M30032	Study on Interaction of the Marine Food web Based on Complex Network Theory Li Zhuo, Li Changping
M30057	Study on Simulation of the Mobile Phone Virus Spreading Based on Complex Network Theory Li Zhuo, Li Changping
M30045	The Economic Status of Household Consumption Expenditure in 31 Provinces and

	Regions in China Yang Shuo, Yang JiQing
M30046	Pedestrian Detection based on Improved Random Forest in Natural images Wenshu Li, Zhenxing Xu, Song Wang, Guobing Ma
M30049	FPGA Based Real Time Implementation Scheme for ARINC 659 Backplane Data Bus Waqar Ahmad, Zhang Shengbing, Hafiz Muhammad Amjad, Ghayoor Abbas Gillani, An Jianfeng
M30050	3D Mesh Model and It's Spherical Image Huang Jianmin, Lu Yang, Liu Ping
M30052	Analysis on Influence of Institution of Innovation on Conduct and Performance of Innovation in Private-Owned Industrial Enterprises in Yangtze Delta WANG Sheng, WU Dong-mei
M30055	Research of Bone Scaffold Hierarchical Algorithm Based on the STL Data Model Le Na, Zheng Weiguo, Zhang Renji

15:30 - 15:40	Coffee Break
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March, 12, 2011 (Saturday)

SESSION – 4 (ICCRD) Computer Research and Development

Venue: Conference Room 2

Session Chair:

Time: 15:40 – 18:10

D0002	A signature matching optimization policy for anti-virus programs Bo Li
D0007	Assessing Digital Literacy among the Semai Tribe of Perak, Malaysia Zulkifli Baharud-din, Rugayah Hashim, Kartika Sari Idris and Yus Aznita Ustadi
D0012	RISC-Based Architecture for Computer Hardware Introduction Antonio Hernandez Zavala, Jorge Avante R., Quetzalcóatl Duarte R. and J. David Valencia P
D0013	Method to Consider Familiarity in Clothing Coordination Recommender Systems Takahiro AKABANE, Suzuka KOSUGI, Sayaka KIMURA and Masayuki ARAI
D0021	Using small pressure transducers to measure the cerebral perfusion pressure of conscious rats QUN WEI, Sang Hyo Woo, Jyung Hyun Lee, Hyo Chan Jeon, , Hyo Chan Jeon and Jin Ho Cho
D0024	A Sharable e-Learning Platform Based on Cloud Computing Chun-Chia Wang, Wen-Chang Pai and Neil Y. Yen
D0030	Building Efficient Transactional Memory Support Based On Snoopy Coherence Zhengbin Pang, Shaogang Wang, Dan Wu, Jun Zhang, Pingjing Lu
D0031	MODEL CALIBRATION AND SYSTEM SIMULATION FROM REAL TIME MONITORING OF WATER DISTRIBUTION NETWORKS MATTEO NICOLINI and ALESSANDRO PATRIARCA
D0036	MMP16: A 16-Bit Didactic Micro-Programmed Micro-Processor José Luis López Presa and Elio Pérez Calle
D0039	Critical points correspondence between vector homonymous features based on string matching method Dongbao Zhao, Junzhen Meng and Ka Zhang
D0041	Ranking and Unranking of Well-formed Parenthesis Strings in Diverse Representations

	Ro-Yu Wu and Jou-Ming Chang
D0044	ZUL – A Light-Weight Architecture for Zigbee-based Ubiquitous Applications Imran A. Zualkernan
D0046	Economic Processes in Management of Business Informatics Economic –ICT Investment Plan Milos Maryska
D0051	FFTI: Free Form Technical Indicator Abir Zubayer, Mashrura Musharraf and Reaz Ahmed
D0054	Image encryption with logistic map and cheat image Zhang Yong
D0058	A development of GIS plotter for small fishing vessels running on common Linux Yukiya Saitoh and Masaaki Wada
D0060	Effects of Bone-conducted Signal on the Implantable Microphone Dong-Wook Kim and Ki-Woong Seong(listener)
D0063	A Novel Architecture of a Reconfigurable Radio Processor for Implementing Different Modulation schemes Amiya Karmakar and amitabha sinha
D0064	Knowledge-Based Integrated Financial Forecasting System Andrian Kurniady and Raymondus Kosala
D0065	A Pagination-Based Index Structure on a Native XML Database Xinyuan Zhao and Shashi K. Gadia
D0066	Visual Location System Based on Bumblebee2 Yanmin Peng, Rong Liu, Can Tang, Sheng Cheng
D0074	Study on the determination method of the minimal software reliability test effort based on sampling probability LI Qiu-ying and Ji Ping
D0088	Digital Image Information Disguising Technology Research Based on S- rough sets Weigang Zou, Peiyun Chen and Jiangyan Huang
D0089	Implementation of Fant's Resampling Algorithm By Using Cubic Convolution Vilas Lambture, Babasaheb Pawar, Milindkumar Vaidya and Balasaheb Gite
D0091	An Approach for Malware Behavior Identification and Classification MOHAMAD FADLI ZOLKIPLI and AMAN JANTAN
D0093	Time-Predictable Multicore Cache Architectures Jun Yan and Wei Zhang
D0094	Risk reduction in Autonomous Local Path-Planning for a Mobile Robot with set fitness function Reyhaneh Maarefdoust and Mohsen Amani
D0102	Design and Implementation of the Business Layer of the Tourism Business Information Collection and Distribution System Based on the Proxy and the Factory Patterns Ni Yuhua, Miao Miao and Limei
D0114	Implementation of Location Awareness and Sharing System based on GPS and GPRS using J2ME, PHP and MYSQL. Ankur Chandra, Shashank Jain and Mohammed Abdul Qadeer
D0116	Extracting Security Requirements from Reality Sabah Al-Fedaghi and Khalid Assaf Al-Enazi
D0118	Protein Complexes Subunits Interaction Topology and Sequence Identity Chien-Hung Huang, K-T. Chao and Ka-Lok Ng
D0120	Researching into the time filtration operator and temporal view based on the C-TRDM

	CAI Qixian, CAI Hongbo, HUANG Xiaolu and WANG Zhiwen
D0122	An Image Mosaic Block Detection Method Based on Fuzzy c-means Clustering Jingpan Liu, Lianfen Huang and Jianan Lin
D0127	Leetar: A New Topology Generator Characterizing the Hierarchy Structure of the Internet Qindong Lu, Xinli Huang and Yu Wang
D0128	Small-World-like Semi-structured P2P Network Yu Wang, Xinli Huang and Qindong Lu
D0129	A Document Comparison Approach using Hybrid Keyword and Structured Full Text Vocabulary Searches Kudachamai Boonsuk and Peraphon Sophatsathit
D0134	Using LBP histogram for face recognition on Android platform Kuikui Lu and Lanfang Dong.
D0135	Moving Objects Detection Method Based on a Fast Convergence Gaussian Mixture Model Jin Wang and Lanfang Dong.
D0136	Multi-view point clouds registration and stitching based on SIFT feature Jun chu, Chun-mei nie and Lu wan
D0144	FGS and Broadcasting Schemes based Bandwidth Allocation for Video-on-Demand Service in Wireless Network Gongyi Zhou, Rui Ni and Xiaowei Qin
D0053	A Street lighting Control system based on holonic structures and traffic system Mahshid Helali Moghadam, Nasser Mozayani

19:00 - 21:00	Dinner
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March, 12, 2011 (Saturday)

SESSION – 5 (ICCRD) Computer Research and Development

Venue: Conference Room 3

Session Chair:

Time: 13:00 – 15:30

D0140	End-to-End Solution of TCP Protocol in High Speed Network Wei Xia and Wei Zhang
D0146	Prediction and assessment of student learning outcomes in calculus: A decision support of integrating data mining and Bayesian belief networks Kevin Fong-Rey Liu and Jia-Shen Chen
D0149	A Hybrid Heuristic Algorithm for Integrated Large-capacity Quay Crane Scheduling Problem Xing He, Su Wang and Jun Zheng
D0152	Education Level as a Technology Adoption Moderator Emad A. Abu-Shanab
D0156	A Collaborative Awareness Framework for Mobile Tourist Recommender System Lim Tek Yong
D0160	Analysis the Performance of a LDPC Coded FSO System with Q-ary Pulse-Position Modulation Bobby Barua and Dalia Barua
D0171	An Advanced Exponential Max-Min Kelly Control Xingyu Zhou, Xinrong Wu, Yong Zhu and Wei Tong
D0172	Online Application of Science and Technology Program Oriented Distributed Heterogeneous Data

	TANG Hao, LIANG Ying, CHEN Hao and SHI Hongzhou
D0173	An Analysis of Game Design Using Graph-based Substructure Mining Technique Keattikorn Samarngoon
D0174	A Lightweight Energy-efficient Reliable Broadcast Tree for Wireless Sensor Networks Chenggang Tang and Neng Wang
D0178	A Scheduling Method based on Virtual Clustering and Boundary Energy for Wireless Sensor Networks Seyed. Mahdi. Jamei, Arash Nikdel and Hagar Noori
D0179	Implementation of a Wireless Communication Technologies based Home Security System Kosuke Ishiguro and Runhe Huang
D0191	A Fast Mounting Method for NAND Flash File System Cao Lu and Shao Shi
D0193	Difference Analysis of GPS data base sources based on vehicle location system Wu Linli and Shen Zhangyi
D0200	An Adaptive Rate and Coding Scheme for MIMO-Enabled IEEE 802.11-Based Soft-Real-Time Wireless Sensor and Actuator Networks Mohsen Maadani, Seyed Ahmad Motamedi, Hadi Safdarkhani
D0204	Non-Uniformity Assessment of digital prints based on Noise Power Spectrum Ling-jun Kong, Zhen Liu and Xue-Ling Gao
D0207	Two-dimensional Contour Matching Algorithm Based on Multiscale Space Haichao Zhang, Yatao Wang and Fangfang Zhang
D0215	An Adaptive Channel Equalizer using Bacterial Foraging Oriented by Particle Swarm Optimization Strategy Adel Boughelala, Xiaoming Luan and Said Leghmizi
D0232	Evolutionary Algorithm Inspired Particle Swarm Optimization (EA-PSO) for Warehouse Allocation Problem Ye Wang, Jun Zheng and Su Wang
D0235	A Novel Network Cognition and Congestion Control Model Based on NEI in Next Generation Network Wang Hui, Liu Wei, Li Zheqing and Fan Zhihui
D0236	Automatic Recognition of Textile Texture Using Back-propagation Neural Network Te-Li Su, Gui-Bing Hong, Wen-Ya Chang and Fu-Chen Kung
D0240	Performance of Improved AR3A code Over EPR4 Channel SiJie Yang, Lin Wang, Yi Fang and Pingping Chen
D0248	Function Realization of Manipulation Objects in Virtual Scenes Guigang Shi, Guodong Shi, Wei Ma and Xuguang Gao
D0249	The Research on Optimal Parking Space Choice Model in Parking Lots Mingkai Chen; Chao Hu and Tianhai Chang
D0253	Research on the Data Hungry Problem in CNC System Based on the Architecture of Real-time Multitask Haitao Hong, Dong Yu, Xiaohui Zhang and Long Chen
D0254	A Review of Energy Efficiency Technology in Computer Servers and Cluster Systems Jun Wang, Ling Feng and Wenwei Xue
D0257	KD Monitoring System: Design, Implementation, and Evaluation Lu'en Wang, Junxia Zhang, Zhong Zhang, Guangzhong Sun and Guoliang Chen
D0272	On the Complexity of the Edge-Disjoint Min-Min Problem in Undirected Graphs Longkun Guo and Hong Shen

D0276	femtosecond laser micromachining and computer modeling of ultracompact fiber inline Mach-Zehnder interferometer sensor based on a U-shape microcavity Longjiang Zhao
D0282	An improved artificial bee colony algorithm Xiaojun Bi and Yanjiao Wang
D0291	Dynamic Performance Management for Database Applications in Virtualized Environments Shoubin Kong and Ling Feng
D0299	An Expert System for Vibration Fault Diagnosis of Large Steam Turbine Generator Set Ning Yang, Shaocheng Zhang, Yaoliang Xu, Wanjian Zhao and Yi Zhu
D0301	Applications of DSP&ARM for Microprocessor Protection Device in Distance Protection Ning Yang, Wanjian Zhao, Yaoliang Xu, Shaocheng Zhang and Yi Zhu
D0302	Spray and Wait Routing Based on Position Prediction in Opportunistic Networks Wei Huang, Sihai Zhang and Wuyang Zhou
D0313	An Investigation of Attitude Information Acquisition System Applied in Freestyle Skiing Aerials Yanhua Liu, Yunjian Ge, Weiping Yang, Huibin Cao, Limin Liu, Guangbin Zhang and Tingting Ma
D0318	A New Rat Navigation Method Based On CC2431 Mingxia Wan, Xuan Huang, Huasheng Ni and Bin Kong
D0319	Parameter Identification of Land Vehicle Location Model Based on IMMPPF Ning Yang, Ping Li, Jiamin Zhang and Yi Zhu
D0320	Performance of LDPC-CDMA in wideband shortwave channel Qi Jun-wei, Xue Rui and Zhang Ya-qian
D0325	Building Search Context with Sliding Window for Information Seeking Jie Yu, Jie Gong and Fangfang Liu
D0326	CFD Simulation in a Vertical Display Cabinet with Environment Air Supply Ke-zhi Yu, Tian-ji Chen and Guo-liang Ding

15:30 - 15:40	Coffee Break
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March, 12, 2011 (Saturday)

SESSION – 6 (ICCRD) Computer Research and Development

Venue: Conference Room 3

Session Chair:

Time: 15:40 – 18:10

D0327	Model and Algorithm to Determine Standard value of Detecting Communication Equipment WU Dongsheng XIE Minxiang, XU Jiren, GAO Huaihui and WANG Keren
D0337	A Study of E-learning Readiness of Thailand's Higher Education Comparing to the United States of America (USA)'s Case Apitew Saekow and Dolly Samson
D0339	Development of Solid-Based Modeling System for Surface Micromachined MEMS Jianhua LI, Yusheng LIU, Hao LING, Weibin GUO and Gaoqi HE
D0345	Moving Objects Data Modeling and Query Processing Xin Luo and Rong Xie
D0353	A New Architecture for Dependable Web Services Using N-Version Programming Esmaeil Nourani, Mohammad Abdollahi Azgomi

D0355	On Packet Aggregation Mechanism for Improving Massive Multiplayer Online Game Performance in P2P Network Wang Jinzhong
D0359	Research and Realization of Visualization Instruction on Computer Graphics Ying Gui, Yuling Wang and Niande Jiang
D0364	Exploration on the Practice Teaching Reform of Computer Professional under School-Enterprise Cooperation Model Ying Gui, Xueqin Zhu and Niande Jiang
D0360	The Third Kind of Generalized Congruence Neural Network is Used to Diagnose Fault of Attitude Control System XU Yangmin, XUE Lei, WANG Keren, XU Jiren and LIU Jihai
D0361	Computing Constrained Energy-Minimizing Flows Said Kerrache and Yasushi Nakauchi
D0369	An Improved Ant Algorithm For Grid Scheduling Problem Using Biased Initial Ants Mojtaba MadadyarAdeh, and Jamshid Bagherzadeh
D0382	Classification of melanoma and clark nevus skin lesions based on Medical Image Processing Techniques Dawei Nie
D1005	Investigating UAE Pre-service Teachers' Perceptions and Validation of Use of Electronic Portfolios Abdurrahman G. Almekhlafi, Mohamed H. Al-Mekhlafy, and Sufian A. Forawi
D1026	Investment Decision Model of Crime Prevention System Based on Expected Monetary Values of the Economic Loss Caused by risks Haitao Lv, Ruimin Hu, Bin Huang, Tao Lu and Jingjing Dai
D1033	A High Capacity Steganographic Method based on the JPEG Digital images Cui-ling JIANG, Yi-lin PANG and Yu Zhu
D1037	Radio Resource Allocation Schemes in 3G and 4G Systems. Alam N. Shaikh and Shrikant K. Bodhe
D2012	EMPOWERING MEASURES FOR QUANTUM FINITE AUTOMATA (QFA) SOUMYA DEBABRATA PANI and CHANDAN KUMAR BEHERA
D2015	Binder cumulant in the fully frustrated 2D XY model Zhao Xiao-Yu
D2019	Algorithm Design of Lighting Uniformity Problem for Large Venue LEI Peng and GAO Hongjiang
D2020	Optimization Design of Intake Manifold and Valve Timing of Gasoline Engine Based on AMESim Code Han Wenyan, Xu Sichuan, Deng Xiao, Zhou Yuekang and Zhang Xiaomao
D2026	The Change of Tangshan Nanhu City Wetland Landscape Based on Multi-level Classification method Guo Aihong, Tang Xuejiao, Li Xingli and Xu Yunyun
D2035	An Approach for Cloud Resource Scheduling Based on Parallel Genetic Algorithm Zhongni Zheng, Rui Wang, Hai Zhong and Xuejie Zhang
D2036	Research on the Rice Chalkiness Measurement Based on the Image Processing Technique Dai xiaopeng and Liang yong
D2037	partitioned Bus-Invert Coding for Power Consumption Optimization of Data Bus Junkai Sun and Anping Jiang
D3008	Planning, Designing and Building Large-scale Network at Campus Xie Shuizhen
D3017	EBP based GK-LM Method For Neural Network Training

	K.mallikarjuna and, G.r.c.kaladhara sarma
D3019	Multithreaded Programming Framework Development for gcc Infrastructure Niranjan Chiplunkar, B.Neelima and Deepak
D3031	A system level Security for Mobile Adhoc Networks Ajay koul, R.B.Patel, V.K.Bhat
D3042	Research and Implementation of the Credit Rating System for Bank Customers WANG Wei and NIU WeiHong
D3063	Anti-collision algorithm for RFID systems thinking ZHENG JIE
D3064	Research of Information Security Technology Application in Enterprises Guo zheng hong, Zhu ping and Xu zhe
D3070	ETAO: Symbol Mapping Transformation Method for Text Compression Mr. Fadlemoula Mohamed Baloul, Mohsin Hassan Abdullah and Elsadig Ahmed Babikir
D3077	A Scalable parallel ray tracing algorithm for satellite Imagery Li Yu-Gang, Zhao Kun, Lin Yuan, Huang Yu-Qing, Qiu Zhen-Ge and Liu Zhi-Yong
D3079	A novel Text Classification Based on Mahalanobis distance Suli Zhang and Xin Pan
D3081	Performance Requirements on Energy Efficiency in WSNs Zhi Tan, Yun Liu and Zhenjiang Zhang
D3093	Sensitivity of Information Capacity of Land Mobile Cellular System to Base Station Antenna Height at Microwave Frequencies Kwashie A. Anang, Predrag B. Rapajic, Titus I. Eneh and Grace Oletu
D3107	Applying radial basis function(RBF) neural network to predict the sediment deposited from check dam Wang guozhong, Mei yadong, Shuang rui and Qu jiangang
D3109	SMR-Speller: A Novel Brain-Computer Interface Spell Paradigm Jingwei Yue, Jun Jiang, Zongtan Zhou, Dewen Hu
D3205	Research of Emergency Command Intelligent Decision System for the Minority Nationality Regions Du changyu
D3218	Forecasting stock prices using financial data mining and Neural Network Amir Omid, Esmaeil Nourani and mehdi Jalili
D3231	Fire and Smoke Detection Using Wavelet Analysis and Disorder Characteristics Ali Rafiee, Reza Tavakoli, Reza Dianat, Sara Abbaspour and Mehregan Jamshidi
D3111	Studies and Evaluation on Meta Search Engines Lin Guoyuan, Tang Jiutao, Wang Chun

18:30 - 20:00	Dinner
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Instructions for Oral Presentations

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)
Projectors & Screen
Laser Sticks

Materials Provided by the Presenters:

PowerPoint or PDF files

Duration of each Presentation (Tentatively):

Regular Oral Session: about 15 Minutes of Presentation 5 Minutes of Q&A

Keynote Speech: 45 Minutes of Presentation 5 Minutes of Q&A

Rendezvous Merry Hotel Shanghai

Overview

Shanghai was regarded in the 1930s as the Paris of the East, China's most modern metropolis, a haven for peasants and intellectuals, colonials and radicals, the new rich and the very-poor. Today, Shanghai is once again China's most exciting and sophisticated city. Located in the commercial business district and just minutes from the Conference Centre, Rendezvous Merry Hotel Shanghai is the ideal place for the discerning business, conference or leisure traveler to relax in style and comfort. Featuring 342 rooms and suites, the hotel has extensive conference facilities, hosting events for up to 400 guests, as well as a range of restaurants, bars and entertainment. Close to public transport, the hotel is within easy walking distance to major attractions such as the historic Jing An Temple and superb shopping on Nanjing Road. Experience our peerless service, attention to detail and exceptional value in the heart of cosmopolitan Shanghai.

Rooms and Suites

All guest rooms and suites have been carefully designed to meet your demands and offer panoramic views of the Shanghai night life. You can request a non-smoking room and there is an exclusive Business Women's floor. Including: Superior Room, Deluxe Room, Club Room, Executive Suite, Shanghai Suite, Rendezvous Suite, Chairman's Suite, and Business Women's Floor etc.

Room Price for the conference delegates

Standard Rooms: 450 RMB / Room / Night

Double Room (One Bed): 450/night

Double Deluxe: 550/night

All rooms inclusive of Breakfast

Location Map



Rendezvous Merry Hotel Shanghai

396 Yan An West Road
Shanghai 200040
People's Republic of China

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Hong Qiao Domestic Airport
Distance to Hotel 10KM/ Time 30 Minutes
Taxi Fee 35 RMB-40 RMB

Pudong International Airport
Distance to Hotel 50KM/ Time 90 Minutes
Taxi Fee 140 RMB-160RM