

# ICPADS 2009: Workshops Schedule

Date: December 8, 2009

Venue: [Grand Mercure Oriental Ginza Shenzhen](#)

Location	Room: Rome	Room: Vancouver	Room: Moscow	Room: Sydney
09:00-10:30	<p><b>P2P-NVE-09 I</b></p> <p><b>Session 1: P2P Networked Virtual Environments</b></p> <p>Chair: Prof. Hung-Chang Hsiao, National Cheng Kung University, Taiwan</p>	<p><b>ivCE-09 I</b></p> <p>Chair: Prof. Ji Wang, National Laboratory for Parallel and Distributed Processing, China</p>	<p><b>IWACI-09 I</b></p> <p><b>Session 1: Modern Cyberinfrastructure Architecture</b></p> <p>Chair: Dr. Lei Zhou, Shanghai University, China</p>	<p><b>PMAC-2WN-09 I</b></p> <p>Chair: Ali Shahrabi, Glasgow Caledonian University, UK</p>
	<p><b>A Supply-and-Demand Model for On-Demand Streaming in Networked Virtual Environments</b>, Shih-Cheng Fang, Chung-Ta King, Chiu-Ping Chang, and Wen-Nan Wang</p> <p><b>Group-Based Peer-to-Peer 3D Streaming Authentication</b>, Mo-Che Chan, Jehn-Ruey Jiang, Chao-Wei Hung, and Wei Tsang Ooi</p> <p><b>Evaluation of the HyperVerse Avatar Management Scheme Based on the Analysis of Second Life Traces</b>, Markus Esch, Wei Tsang Ooi, and Ingo Scholtes</p>	<p>Keynote 1: Service and Cloud computing, Jie Xu</p> <p>Keynote 2: ivCE: Concept Model, Architecture, and Practice, Huaimin Wang</p> <p><b>A Service-oriented Programming Platform for Internet-Based Virtual Computing Environment</b>, Donggang Cao, Zan Xiao, and Weizhong Shao</p>	<p><b>Experiences Running OGSA-DQP Queries against a Heterogeneous Distributed Scientific Database</b>, Helen X. Xiang</p> <p><b>Cyberinfrastructure on Tumor Gene Expression Data Processing</b>, Wenjun Lu, Yue Wu, Zongtian Liu, Qing Li, and Xiangfeng Luo</p> <p><b>Towards Hybrid Grid Infrastructure for Large Simulations</b>, Dan Chen and Congcong Bian</p> <p><b>Towards a Scalable Real-Time Cyberinfrastructure for Online Computer Games</b>, Sergei Gorlatch, Frank GlinKa, and Alexander Ploss</p>	<p><b>A Transmit Antenna Selection for MIMO Wireless Ad-Hoc Networks in Lossy Environment</b>, Yindong Zhang, Liusheng Huang, Hongli Xu, and Xueyong Xu</p> <p><b>BER Performance Evaluation of Tail-Biting Convolution Coding Applied to Companded QPSK Mobile WiMax</b>, Brian G. Stewart and Athinarayanan Vallavaraj</p> <p><b>Broadcasting in Fully Connected Trees</b>, Hovhannes Harutyunyan and Edward Maraachlian</p>
10:30-11:00	<b>Break</b>			
11:00-12:30	<p><b>P2P-NVE-09 II</b></p> <p><b>Session 2: Efficient P2P Overlays</b></p> <p>Chair: Ms. Ying Qiao, University of Ottawa, Canada</p>	<p><b>ivCE-09 II</b></p> <p>Chair: Dr. Jin Cao, Beihang University, China</p>	<p><b>IWACI-09 II</b></p> <p><b>Session 2: High Performance Computing and Services</b></p> <p>Chair: Dr. Ping Yang, Chinese University of Hong Kong, China</p>	<p><b>PMAC-2WN-09 II</b></p> <p>Chair: B. Stewart, Glasgow Caledonian University, UK</p>
	<p><b>Optimizing Unstructured Peer-to-Peer Overlays with Topology Awareness</b>, Hao Liao, Po-Shen Yeh, and Hung-Chang Hsiao</p> <p><b>Anadem: A Hybrid Overlay Network for Content-Based Data Distribution</b>, Zheng Zhong and Wang Yi-Jie</p>	<p><b>Mobility of Internet-Based Virtual Computing Environment</b>, Siqi Shen, Ji Wang, Rui Shen, Shengdong Zhang, and Pei Fan</p> <p><b>Performance under Failure of Multi-tier Web Services</b>, Bing Xie, Yong Chen, Xian-He Sun, and</p>	<p><b>Association Link Network: An Incremental Semantic Data Model on Organizing Web Resources</b>, Zheng Xu, Xiangfeng Luo, and Wenjun Lu</p> <p><b>A Case of Parallel EEG Data Processing upon a Beowulf Cluster</b>, Yufeng Yao, Jinyi Chang, and Kaijian Xia</p>	<p><b>Evaluation of a Performance Prediction Tool for Peer-to-Peer Distributed Computing Applications</b>, Julien Bourgeois, Jean-Baptiste Ernst-Desmulier, and François Spies</p> <p><b>Comparing Methods for</b></p>

	<p><b>A Replica Placement Algorithm for Hybrid CDN-P2P Architecture</b>, Hai Jiang, Zhan Wang, Albert K. Wong, Jun Li, and Zhongcheng Li</p> <p><b>Measuring the Influence of Active Measurement on Unstructured Peer-to-Peer Network</b>, Ying Sha, Zhibin Zhang, and Jianlong Tan</p>	<p>Hui Jin</p> <p><b>A Peer-to-Peer Media Streaming System Based on iVCE Platform</b>, Jiqing Wu, Yuxing Peng, and Rui Shen</p> <p><b>Measurement and Analysis of BitTorrent Availability</b>, Lin Ye, Hongli Zhang, Wei-zhe Zhang, and Jian Tan</p>	<p><b>A Fast and Intelligent Resource Allocation Service for Service-Oriented Grid</b>, Zhao Guopeng, Shen Zhiqi, and Miao Chunyan</p> <p><b>A Symmetric Matchmaking Engine for Web Service Composition</b>, Sizhe Sun, Xinhuai Tang, Xiaozhou Yuan, and Delai Chen</p>	<p><b>the Efficient Analysis of PEPA Models of Non-repudiation Protocols</b>, Yishi Zhao and Nigel Thomas</p> <p><b>Detection of Conjunctive Stable Predicates in Dynamic Systems</b>, Xinli Wang, Jean Mayo, Guy Hembroff, and Chunming Gao</p>
12:30-14:00	<b>Lunch</b>			
	<p><b>P2P-NVE-09 III</b></p> <p><b>Session 3: P2P Technologies</b></p> <p><i>Chair: Mr. Markus Esch, University of Luxembourg, Luxembourg</i></p>	<p><b>iVCE-09 III</b></p> <p><i>Chair: Dr. Dongsheng Li, National Laboratory for Parallel and Distributed Processing, China</i></p>	<p><b>IWACI-09 III</b></p> <p><b>Session 3: Design Tools, Performance Modeling, Systems Software</b></p> <p><i>Chair: Dr. Cheng Fu, Nanyang Technological University, Singapore</i></p>	<p><b>MCSS-09 I</b></p>
14:00-16:00	<p><b>iRank: Supporting Proximity Ranking for Peer-to-Peer Applications</b>, Yongquan Fu and Yijie Wang</p> <p><b>A Diffusive Load Balancing Scheme for Clustered Peer-to-Peer Systems</b>, Ying Qiao and Gregor v. Bochmann</p> <p><b>Cowtra: A Contribution Willingness-Based Two-phase Bandwidth Resource Allocation Algorithm in P2P Network</b>, Cai Chen, Sen Su, Kai Shuang, and Fangchun Yang</p>	<p><b>A Forwarding-Based Task Scheduling Algorithm for Distributed Web Crawling over DHTs</b>, Xiao Xu, Wei-Zhe Zhang, Hong-Li Zhang, Bin-Xing Fang, and Xin-Ran Liu</p> <p><b>A Steady Network Coordinate System for Network Distance Estimating</b>, Yifei Zhang and Hongli Zhang</p> <p><b>HyperSpring: Accurate and Stable Latency Estimation in the Hyperbolic Space</b>, Yongquan Fu and Yijie Wang</p> <p><b>Using Grid Middleware to Query a Heterogeneous Distributed Version of the SDSS Database</b>, Helen X. Xiang</p> <p><b>A User-Level Remote Paging System for Grid Computing</b>, Tyng-Yeu Liang, Po-Sen Wang, Po-Jen Lo, and Jin-An Huang</p>	<p><b>Extending POP-C++ to Integrate Web Services into Parallel Objects</b>, Thanh-Nguyen Ngo, Tuan-Anh Nguyen, and Tran Van Hoai</p> <p><b>Sequential Pattern Mining in Data Streams Using the Weighted Sliding Window Model</b>, Chuan Xu, Yong Chen, and Rongfang Bie</p> <p><b>SPBCA: Semantic Pattern-Based Context-Aware Middleware</b>, Xiao Ming Zhou, Xinhuai Tang, Xiaozhou Yuan, and Delai Chen</p> <p><b>The Vulnerability Analysis Framework for Java Bytecode</b>, Tang Hong, Chen Hua, Zhao Gang, Liu Qiang, and Zhao jinjin</p> <p><b>Research on Technologies of Building Experimental Environment for Network Worm Simulation</b>, Huang Minhuan, Kuang Xiaohui, Wen Yan, Tang Hong, and Xu Fei</p>	<p><b>Adaptive Multi-versioning for OpenMP Parallelization via Machine Learning</b>, Xuan Chen and Shun Long</p> <p><b>Parallel Lexicographic Names Construction with CUDA</b>, Weidong Sun and Zongmin Ma</p> <p><b>Count Sort for GPU Computing</b>, Weidong Sun and Zongmin Ma</p> <p><b>Low Overhead Object Communication Scheme in CMP Implementation of Object-Oriented Programming</b>, Licheng Xue and Feng Shi</p>

16:00-16:30	<i>Break</i>			
16:30-18:30		<b>ivCE-09 IV</b> <i>Chair: Donggang Cao, Peking University , China</i>		<b>MCSS-09 II</b>
		<p><b><i>A Virtual Machine Server Aggregation Algorithm Based on Hierarchical Clustering</i></b>, Feng Huang and DongSheng Li</p> <p><b><i>Enhancing Reliability for Virtual Machines via Continual Migration</i></b>, Wenchao Cui, Dianfu Ma, Tianyu Wo, and Qin Li</p> <p><b><i>Creating Virtual Networks for Distributed Virtual Computing Environment</i></b>, Dongsheng Li, Yixin Chen, and Feng Huang</p> <p><b><i>A Runtime Reputation Based Grid Resource Selection Algorithm on the Open Science Grid</i></b>, Zhengxiong Hou, Xingshe Zhou, Mike Wilde, Jianhua Gu, and Mihael Hategan</p> <p><b><i>GOS Security: Disign and Implementation</i></b>, Lin Yu, Li Zha, Xiaoning Wang, Haojie Zhou, and Yongqiang Zou</p>		<p><b><i>(Invited Talk) Challenges of Multi-core Computings Based on CBE and CUDA</i></b>, Yingwen Song</p> <p><b><i>Solving 2D Nonlinear Unsteady Convection-Diffusion Equations on Heterogenous Platforms with Multiple GPUs</i></b>, Canqun Yang, Zhen Ge, Juan Chen, Feng Wang, and Yunfei Du</p> <p><b><i>A Process Fusion Approach for MPI Performance Enhancement on Multi-core Systems</i></b>, Li Lu and Xiaoge Wang</p> <p><b><i>Domain-specific Pattern Matching Based Automatic Parallelization: Demonstrated by 2-D Prestack Migration</i></b>, Zhen Cao, Yuan Dong and Shengyuan Wang</p>