The 7th IEEE International Conference on Asia-Pacific Services Computing Conference (IEEE APSCC 2012)

December 6-8, 2012, Guilin, China

Organized by
Huazhong University of Science and Technology, China

Sponsored by
IEEE Computer Society
Technical Committee on Services Computing (TCSVC)
The Third Research Institute Of Ministry of Public Security, China
Huazhong University of Science and Technology (HUST) is located in Wuhan, the capital city of Hubei Province, in the middle reaches of the Yangtze River. The campus of HUST is beautifully nestled at the foot of Yujia hill and beside the East Lake with green grass scattered all round in 500 hectares of land. It is a key comprehensive university under the direct leadership of the Ministry of Education of P. R. China.

The University ranks at the top of China's leading universities in comprehensive strength. In the university, there are eleven disciplines: philosophy, economics, law, education, literature, history, agriculture, science, engineering, medicine and management. The University offers a variety of programs, including 85 undergraduate programs, 253 Master programs, 178 doctoral programs and 29 post-doctoral research centers. It has 15 national key disciplines. A number of other leading research centers are located here: 6 National Engineering Research Centers, 4 National Leading Laboratories, 2 National Specialized Laboratories. The University has more than 12, 000 faculty members, of whom over 4, 000 are full time teachers, 22 are academicians of the Chinese Academy of Sciences & the Chinese Academy of Engineering, over 1000 are professors. The number of resident students is over 50, 000, of whom almost 18, 000 are graduate students. Since 1986, the University has been accepting international students studying in China under Chinese Government Scholarship. It also offers “University Scholarship” to outstanding international students as a means of promoting good attitude, conduct and distinguished performances during their study here. A Language Teaching Center has been established for international students. On the side, an International Students Hostel is fully equipped with good teaching and learning, living and recreational facilities. The University is active in setting up international academic exchanges and co-operation. It has established relations with around 100 foreign universities, research institutes and companies.

http://www.hust.edu.cn/
Introduction of
The 3rd Research Institute of Ministry of Public Security

The 3rd research institute of Ministry of Public Security, which was founded on 1978, is directly belonging to Ministry of Public Security. The headquarters offices are located in 76 Yueyang Road in Shanghai, with the research base and industry department in Zhangjiang high technology Park in Pudong district and Beijing as well. Now we have more than 1500 employees, including 1300 researchers, more than 60 of them with doctor degree and 400 with master degree.

Our main research regions include information network security, IoT, special communication, counter-narcotics, counter-terrorism, image processing and transmission, public security protection technology, etc. We have many national and ministerial laboratories researching on professional technologies such as Post-doctoral research station, National anti-computer intrusion and anti-virus research Centre, Key lab of Ministry of Public Security on information network security and Electronic Forensic Lab. Our institute have undertaken the National Science and Technology Support Plan, “863”, High Technology Industrialization Project and other research tasks for national and ministerial important issues. On the area of eID, RFID, VSD, PDD, we have remarkable achievements and win national and ministerial rewards. From 1995 to the present, our institute is regarded as Shanghai high-tech institute by Shanghai science and technology commission. We pass the ISO9001 Quality Management System Certification on 2005.

Our institute aims for building the national leading research institute on the region of public security technology, values “Be pioneers, Lead development, Strengthen police by tech, Inspiring to serve”, considers “integration of research and practice, integration of research and industry, integration of research and detection” as the guideline, insists advance with times, innovation and great services. We will constantly solve the key technical problems in the practice of public security and devote on strengthen of police.
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PROGRAM AT A GLANCE

Location: Hall Diecai on Floor 12 of Lijiang Waterfall Hotel, Guilin, China

Dece. 5, 2012
Registration from 14:00 to 18:00

Dece. 6, 2012

<table>
<thead>
<tr>
<th>Time</th>
<th>Hall Diecai on Floor 12</th>
<th>Hall Xiangshan on Floor 2</th>
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<tbody>
<tr>
<td>09:00-09:30</td>
<td>Opening Ceremony [Hall Diecai on Floor 12]</td>
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<tr>
<td>09:30-10:30</td>
<td>Keynote I [Hall Diecai on Floor 12] (Social networking and recommender systems, Yanchun Zhang)</td>
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<td>10:30-10:50</td>
<td>Break</td>
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<tr>
<td>10:50-11:50</td>
<td>Keynote II [Hall Diecai on Floor 12] (GreenOrbs: Lessons Learned from Extremely Large Scale Sensor Network Deployment, Yunhao Liu)</td>
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<tr>
<td>12:00-13:30</td>
<td>Lunch (Buffet)</td>
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<tr>
<td>14:00-15:40</td>
<td>Session CUWC-I</td>
<td>Session BPSC-I</td>
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<td>15:40-16:00</td>
<td>Break</td>
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<tr>
<td>16:00-17:40</td>
<td>Session CUWC-II</td>
<td>Session BPSC-II</td>
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<tr>
<td>18:00-19:30</td>
<td>Reception</td>
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Dece. 7, 2012

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<tr>
<td>09:00-10:00</td>
<td>Keynote III [Hall Diecai on Floor 12] (Detecting Memory Leaks Statical in Large-Scale Software, Jingling Xue)</td>
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<td>10:00-10:20</td>
<td>Break</td>
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<tr>
<td>10:20-12:00</td>
<td>Session SCCM</td>
<td>Session ASCM</td>
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<tr>
<td>12:00-13:30</td>
<td>Lunch (Buffet)</td>
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<tr>
<td>14:00-15:40</td>
<td>Session MUPC-I</td>
<td>Session SIS</td>
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<td>15:40-16:00</td>
<td>Break</td>
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<tr>
<td>16:00-17:40</td>
<td>Session MUPC-II</td>
<td>Session IWCESI</td>
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<tr>
<td>18:00-19:30</td>
<td>Banquet</td>
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Dece. 8, 2012

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<tbody>
<tr>
<td>8:30-18:00</td>
<td>Local Tour</td>
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</tbody>
</table>
KEYNOTE SPEAKERS

Social networking and recommender systems

Yanchun Zhang, Professor

Victoria University, Australia

About the Speaker

Yanchun Zhang is a Professor and the Director of Centre for Applied Informatics at Victoria University, leading a multidisciplinary e-research program across the University. CAI’s program focuses on application driven and multidisciplinary research involving collaboration among experts from different fields, particularly in the ICT area and its applications in health care, community, business, and environmental studies. He obtained a PhD degree in Computer Science from The University of Queensland in 1991. Since then he has been an academic member at The University of Queensland, The University of Southern Queensland and Victoria University. Prof. Zhang is an international expert in databases, data mining, health informatics, web information systems, and web services. He has published over 220 research papers in international journals and conferences proceedings, and authored/edited 12 books. His research has been supported by a number of Australian Research Council's project grants. His research has made some significant impacts on society. For example, the multidisciplinary research into e-health has produced software systems and mapping tools to assist relevant government/industry organisations establish health needs, allowing the development of policy based on firm evidence. Prof Zhang is the Editor-In-Chief of World Wide Web journal (Springer), and Health Information Science and Systems Journal (BioMed Central). He is Chairman of the International Web Information Systems Engineering Society (WISE Society.). He has won VU’s Medal for Excellence in Research in 2005, and the VU Vice Chancellor’s Peak Award for Research and Research Training in Research Supervision in 2011, respectively. Prof Zhang was a member of ARC College of Experts from 2008 to 2010. He received the National “Thousand Talent Program” Award from China in 2010, and is currently a director on the Australia-China Joint Lab on Social Computing and E-Health, a joint initiative from Graduate University of Chinese Academy of Science and Victoria University. Home page: http://www.vu.edu.au/about-vu/our-people/yanchun-zhang

Summary

Recently, with the popularity and development of innovative Web technologies, for example, Web 2.0, more and more advanced Web data based services and applications are emerging for Web users to easily generate and distribute Web contents, and conveniently share information in a collaborative environment. These newly enhanced Web functionalities make it possible for Web users to share and locate the needed Web contents easily, to collaborate and interact with each other socially, and to realize knowledge utilization and management freely on the Web. Two typical social Web service are Facebook and Twitter, which are becoming a global and influential information sharing and exchanging platform and data source in the world. As a result, Social Networks is becoming a newly emerging research topic in Web research although this term has appeared in social science, especially psychology in several decades ago.

On the other hand, despite of the Web-based data management research results in developments of many useful Web applications or services, like search engines, users are still facing the problems of information overload and drowning due to the significant and rapid growth in amount of information and the number of users. In particular, Web users usually suffer from the difficulties of finding desirable and accurate information on the Web due to two problems of low precision and low recall caused by above reasons. Recommender system is a specialized process that predicts user preference and recommends customized contents. Due the predominant requirement of personalized service, recommender systems have attracted a large amount of research attention in past decades.

In this talk, we aim to present a landscape of research advances in these two areas of social networking and recommendation systems, covering topics of link analysis and community detection, web mining, social-enhanced recommender systems, emergent event detection in social media, and outline some interesting research directions such as link prediction, social ranking, SNA in recommendation and personalized search.
GreenOrbs: Lessons Learned from Extremely Large Scale Sensor Network Deployment

Yunhao Liu, Professor
Tsinghua University, China

About the Speaker

Yunhao Liu received his BS degree in Automation Department from Tsinghua University, China, in 1995, and an MA degree in Beijing Foreign Studies University, China, in 1997, and an MS and a Ph.D. degree in Computer Science and Engineering at Michigan State University in 2003 and 2004, respectively. He holds the EMC Chair Professorship at Tsinghua University. He is a member of Tsinghua National Lab for Information Science and Technology, and the Director of Tsinghua National MOE Key Lab for Information Security. He is also a faculty at the Department of Computer Science and Engineering, the Hong Kong University of Science and Technology. Yunhao is now the Vice Chair of ACM China Council in charge of operation. He is also serving as the Associate Editors-in-Chief for IEEE Transactions on Parallel and Distributed Systems, and an Associate Editor for IEEE Transactions on Mobile Computing. He also serves many leading conference as TPC member, such as ACM Mobicom, ACM Mobihoc, IEEE INFOCOM, etc.

Summary

"The world has just ten years to bring greenhouse gas emissions under control before the damage they cause becomes irreversible." This is a famous prediction raised by climate scientists and environmentalists recently. It reflects the increasing attention in the past decade from human beings on global climate change and environmental pollution. On the other hand, forest, which is regarded as the earth’s lung, is a critical component in global carbon cycle. It is able to absorb 10%–30% of CO2 from industrial emissions. Moreover, it has large capacity of water conservation, preventing water and soil loss, and hence reducing the chance of nature disasters like mud-rock flows and floods. Forestry applications usually require long-term, large-scale, continuous, and synchronized surveillance of huge measurement areas with diverse creatures and complex terrains. The state-of-arts forestry techniques, however, support only small-scale, discontinuous, asynchronous, and coarse-grained measurements, which at the same time incur large amount of cost with respect to human resource and equipments. WSNs have great potential in resolving the challenges in forestry. Under such circumstances, GreenOrbs is launched. The information GreenOrbs offers can be used as evidences, references, and scientific tools for human beings in the battle against global climate changes and environmental pollution.

The prototype system is deployed in the campus woodland of Zhejiang Forestry University. The deployment area is around 40,000 square meters. The deployment started in May 2009 and included 50 nodes. In November 2009 it was expanded to include 330 nodes. The system scale reaches 400 in April 2010. The duty cycle of nodes is set at 8%. The network diameter is 12 hops. The sensor data are published online via the official GreenOrbs website. The Tianmu Mountain deployment includes 200 nodes and has been in continuous operation since August 2009. The deployment area is around 200,000 square meters. The duty cycle of nodes is set at 5%. The network diameter is 20 hops.

We learned a lot of lessons during the deployment of GreenOrbs. This experiment results in several publications, including ACM Sensys 2009, 2010, ACM Sigmetrics 2010, ICNP 2010, INFOCOM 2010, etc. In this discussion, we will focus on several open issues for extremely large scale deployment of sensor networks including routing, diagnosis, localization, link quality, and etc.
Detecting Memory Leaks Statically in Large-Scale Software

Jingling Xue, Professor
The University of New South Wales, Australia

About the Speaker

Jingling Xue received his BSc and MSc degrees in Computer Science and Engineering from Tsinghua University in 1984 and 1987, respectively, and his PhD degree in Computer Science and Engineering from Edinburgh University in 1992. He has been on the faculties at Tsinghua University, National Technological University of Singapore and University of New England, Australia. He is currently a Professor in the School of Computer Science and Engineering, University of New South Wales, Australia, where he heads the Programming Languages and Compilers Group and also serve as Deputy Head of School.

Jingling Xue's main research interest has been programming languages and compilers for over 20 years, focusing on developing techniques relevant to high-performance computing, multicore architectures and embedded systems. He is currently supervising a group of postdocs and PhD students on a number of topics including programming and compiler techniques for multi-core processors and embedded systems, concurrent programming models, static and dynamic program analysis for bugs and security vulnerabilities, and automatic parallelisation of programs for parallel and distributed systems. His research has been supported by Intel, Sun Microsystems, Oracle and Australian Research Council. He is an Associate Editor of several international journals (including IEEE Transactions on Computers) and has served as a program chair and program committee member in a number of international conferences in his research areas. In 2013, He will be the program chair of the 2013 ACM SIGPLAN/SIGBED Languages, Compilers and Tools for Embedded Systems (LCTES), which will be held in Seattle, Washington.

Summary

Memory leaks are common errors affecting programs including OS kernels, desktop applications, web services and cloud applications. Many memory leaks result in serious software reliability problems. This talk will examine how to apply pointer analysis to detect memory leaks in C/C++ programs, by reviewing the state-of-the-art techniques and presenting our recent work based on full-sparse value-flow analysis and implemented fully in the Open64 compiler. I will discuss some promising results we achieved and some of the challenges we experienced.
CONFERENCE SCHEDULE

Dece. 5, 2012
14:00 – 18:00 Registration on the lobby of the hotel

Dece. 6, 2012
09:00-09:30 Opening Ceremony in Hall Diecai on Floor 12
Chair: Daqing Zhang

09:30-10:30 Keynote I (Hall Diecai on Floor 12)
Chair: Daqing Zhang
Social networking and recommender systems,
Yanchun Zhang

10:30-10:50 Break

10:50-11:50 Keynote II (Hall Diecai on Floor 12)
Chair: Cheng-Zhong Xu
GreenOrbs: Lessons Learned from Extremely Large Scale Sensor Network Deployment,
Yunhao Liu

12:00-13:30 Lunch (Buffet)

14:00-15:40 Concurrent Sessions CUWC-I, BPSC-I
Session CUWC-I: Cloud/Utility/Web Computing
Session Chair: Deqing Zou

A Cloud Computing Management System Platform Based On Power-sensitive Resource
Huafeng Kong, YunTing Lei, Zhang Zhang, Deqing Zou

A Service Intermediary Agent Framework for Web Service Integration
Jian Cao, Ruijie Lai

Integration of Disaster Simulation Models with open GIS in Cloud Computing Environments: A Case Study of Debris Flow
Min-Lang Huang, Jung-Hong Hong, Chjeng-Lun Shieh

Orchestrating Provisioning among Heterogeneous Grid Middleware
Li Qi, Jie Dai

Session BPSC-I: Business Process and Services Computing
Session Chair: Wenbing Jiang

A Model Checking Based Approach to Automatic Test Suite Generation for Testing Web Services and BPEL
Huijun Zhao, Jing Sun, Xiaodong Liu

Approaches on Getting Workflow Task Execution Number of Times
Naiqiao Du, Xiaojun Ye, Jianmin Wang

A Novel QoS-aware Service Composition Approach based on Path Decomposition
Yulong Liu, Lei Wu, Shijun Liu

Research on the Effect of Business Models on Enterprise Performance
Li Wang

15:40-16:00 Break

16:00-17:40 Concurrent Sessions CUWC-II, BPSC-II
Session CUWC-II: Cloud/Utility/Web Computing
Session Chair: Deqing Zou

A Greedy Approach for Service Composition in Multi-Cloud Workflow Systems
milad torkashvan, hassan haghighi

Research on Software development Process Assurance Models in ICT Supply Chain Risk Management
Feng Xie, Tianbo Lu, Bing Xu, Dongqing Chen, Yong Peng

Live Migrating the Virtual Machine Directly Accessing a Physical NIC
Binbin Zhang, Xiaolin Wang, Zhenlin Wang, Yingwei Luo, Xiaoming Li

Failure-aware Virtual Machine Configuration for Cloud Computing
Yaqin Luo, Li Qi

Session BPSC-II: Business Process and Services Computing
Session Chair: Jian Cao

A Multi-Agent Learning Model for Service Composition
Wenbo Xu, Jian Cao, Lei Wang

Business Process Compositions: Preserving k-soundness property
Kahina Bessai, Samir Youcef, Claude Godart, Selmin Nurcan

Executability Analysis for Semantically annotated Process Model
Ping Gong, jianmin jiang, shi zhang, zhiqin chen

An Approach for Modeling and Analyzing Code Mobility
Junhua Ding

18:00-19:30 Reception
Dece. 7, 2012

9:00-10:00 Keynote III (Hall Diecai on Floor 12)
Chair: Liangjie Zhang
Detecting Memory Leaks Statically in Large-Scale Software, Jingling Xue

10:00-10:20 Break

10:20-12:00 Concurrent Sessions SCCM, ASCM

Session SCCM: Service-centric Computing Models
Session Chair: Walid Gaaloul

Controllability Preservation and Behavioural Refinement for Service Protocols
Nabil Hameurlain

Linked Social Service: Connecting Isolated Services into a Global Social Service Network
Wuhui chen, Incheon Paik, Patrick Hung

Workflow Organizational Mining and Protocol Compatibility based on Semantically Enriched Logs
walid gaaloul, chihab hannachi

Towards Dynamic Evolution of Service Choreographies
Wei Song, Gongxuan Zhang, Yang Zou, Qiliang Yang, Xiaoxing Ma

Session ASCM: Applications in Service-centric Computing Models
Session Chair: Xia Xie

Educational Effect of Kanji Learning System
Kotomi Ishida, Jungpil Shin

JRBridge: A Framework for Large-Scale Statistical Computing in R
Xia Xie, Jie Cao, Hai Jin, Xijiang Ke, Wenzhi Cao

Using Graph Analysis Approach to Support Question & Answer on Enterprise Social Network
Ke Ning, Ning Li, Liang-Jie Zhang

Empirical Study of Communication Connectivity Quality for Mobile Robots
Yi Zhong, Shan Gao, Yan He

12:00-13:30 Lunch (Buffet)

14:00-15:40 Concurrent Sessions MUPC-I, SIS

Session MUPC-I: Mobile/Ubiquitous/Pervasive Computing
Session Chair: Wenbin Jiang

Improving the Quality of Distance Education Services by Using Modern Information Technology
Yan Wang, Liangjie Zhang, Hui Cai, Jian Sun, Ning Li

Context-Aware Mashup for Smart Mobile Devices
Sejin Chun, Jooik Jung, Hyun-Bae Jeon, Beom-Jun Kim, Kyong-Ho Lee

A Novel Task Management System for Modelica-based Multi-Discipline Virtual Experiment Platform
Wenbin Jiang, Shuguang Wang, Hai Jin, Yong Huang

An Integrated Service Platform for Pervasive Elderly Care
Qiang Lin, Daqing Zhang, Hongbo Ni, Xingshe Zhou, Zhiwen Yu

Session SIS: Security in Services
Session Chair: Zhiyong Yu

Outage Performance for Secure Communication over Correlated Fading Channels with Partial CSI
Jinxiao Zhu, Xiaohong Jiang, Yuezhi Zhou, Yaoxue Zhang, Osamu Takahashi and Norio Shiratori

Secure Rank-ordered Search of Multi-keyword Trapdoor over Encrypted Cloud Data
Ayad Ibrahim, Hai Jin, Ali Yassin, Deqing Zou

Efficient Fair Secure Two-Party Computation
Ou Ruan, Jing Zhou, Minghui Zheng, Guohua Cui

Model Based Byzantine Fault Detection Technique for Cloud Computing
Guisheng Fan, Huiqun Yu, Liqiong Chen, Dongmei Liu

Selecting the Best Solvers: toward Community based Crowdsourcing for Disaster Management
Zhiyong Yu, Daqing Zhang, Dingqi Yang, Guolong Chen

15:40-16:00 Break

16:00-17:40 Concurrent Sessions MUPC-II, IWCESI

Session MUPC-I: Mobile/Ubiquitous/Pervasive Computing
Session Chair: Pingpeng Yuan

An OSGi-based Smart Taxi Service Platform
Yang Yuan, Kejian Miao, Lin Sun, Chao Chen, Daqing Zhang

A Multi-Costs Efficient Reliable Data Transmission Protocol for Wireless Sensor Networks
Haosong Gou, Younghwan Yoo

Statement Hypergraph as Partitioning Model for RDF Data Processing
Pingpeng Yuan, Wenya Zhang, Hai Jin

Design and Implementation of Journal Manuscript Submission and Review System Based on SaaS
Han Lai, Rong Peng, Yuze Ni

Session IWCESI
Session Chair: Wenbin Jiang
The Firewall Technology Study of Network Perimeter Security
Huang Ling-fang

A Fast Accurate Interpretive Simulator based on Shared Basic Block Cache
Yingsong Hu, Jun Xiao, Dan Li

A Progressive Method on Studying and Practicing of Computer Graphics
Shi Li, Dan Li

Some key issues of Teaching Reform about Digital Logic
Yizhu Zhao

Reform and Exploration of the Computer Graphics Teaching
Yunfeng He

18:00- 19:30 Banquet

Dece. 8, 2012
8:30-18:00 Local Tour

Poster Session

Addressing the Context-Awareness Requirements in Personal Smart Spaces

A Full Scale Authentication Protocol for RFID Conforming to EPC Class1 Gen2 Standard
Guiyue Jin, Jiyu Jin, Xueheng Tao, and Baoying Li

A Middleware for Cross-Platform and Context-Aware of Mobile Terminals
Ma Lin and Liao Qing

A Mixed Multi-tenancy Data Model and Its Migration Approach for the SaaS Application
Li Jiang, Jin Cao, Peifeng Li, and Qiaoming Zhu

A New Method of Sample Reduction for Support Vector Classification
Ling Wang, Meiling Sui, Qin Li, and Haijun Xiao

A Product Lifecycle Data Management Framework Based on Resource Meta-model
Shaojun Qin, Hongming Cai, and Lihong Jiang

Adapkeys: An Adaptive Security Scheme for Network Coding
Ming He, Lin Chen, Hong Wang, Zhenghu Gong, Fan Dai, and Zhihong Liu

An Improved Face Recognition Based on ICA and WT
Min Luo, Liu Song, and Shi-dong Li

An Intuitionistic Fuzzy Set Model for Concept Similarity Using Ontological Relations
Fagui Liu, Fen Xiao, Yuedong Lin, and Yang Zhang

An ITIL v3-Based Solution to SOA Governance Attributes
Cui Xian-Peng, Lin Bi-Ying, and Mo Rui-Fang

Cloud Platforms: Impact on Guest Application Quality Attributes
Balwinder Sodhi and T.V. Prabhakar

Consistency Reflection for Automatic Update of Testing Environment
Chaiwat Sathawormwichit and Shigeru Hosono

E2VT: An Effective and Efficient VM-Transparent Mechanism for Preventing TPVM OS Boot Failure
Xiaolin Chang, Bin Xing, and Jogesh K. Muppala

Experts Ranking on the Enterprise Microblogging Based on the PageRank Algorithm
Ning Li, Ke Ning, Liangjie Zhang, and Yan Wang

Hadoop MapReduce Framework to Implement Molecular Docking of Large-Scale Virtual Screening
Jing Zhao, Ruisheng Zhang, Zhili Zhao, Dianwei Chen, and Lujie Hou

Model-Based Protocol Behavior Adaptation of Web Services in OWL-S
Guorong Cao, Qingping Tan, and Hao Wu

Password-Less Authentication Framework for OpenID Systems to Counter Phishing Attacks
Moeen Qaemi Mahmoodzadeh and Haider Abbas

Providing Information Services for Wireless Sensor Networks through Cloud Computing
Pengfei You, Yuxing Peng, and Hang Gao

Research Focus on MES Oriented Communication among Enterprise Informatization System
Xiaopan Gao, Ruisheng Zhang, Yan Zhang, and Shui Jing

Research of Strategic Transformation Model of the Fast Moving Consumer Goods Industry
Ning Li, Liangjie Zhang, YueJun Chen, and ShengPing Wu

SLA-Based Service Composition Model with Semantic Support
Hui Liu, Fenglin Bu, and Hongming Cai

Study and Application of Business Process Optimization and Evaluation
Dewei Peng, Liang Cheng, Hongmei Zhou, and Xia Zhang

The Distributed Storage System Based on MPP for Mass Data
Cunchen Li, Jun Yang, Jing Han, and E. Haihong

Using Fuzzy Measures to Assess Service Satisfaction Values of Retailers
Song Zhou and Yong Li
CONFERENCE VENUE & TRANSPORTATION

Conference Venue

The registration, venue and some accommodations have been arranged in Lijiang Waterfall Hotel, Guilin, China. About how to book the hotel, please download the form from the webpage of the conference.

LIJIANG WATERFALL HOTEL GUILIN
The Shan Lake North Road, Guilin, Guangxi, China
Postal Code: 541001 Tel: (86) 0773-2822884 Fax: (86) 0773-2822880
http://www.waterfallguilin.info

Transportation

How to get to Lijiang Waterfall Hotel, Guilin, China:

You can take a taxi from Guilin Liangjiang Airport or Railway Station to the Hotel.

<table>
<thead>
<tr>
<th>Location</th>
<th>Distance from hotel</th>
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<tbody>
<tr>
<td>Airport</td>
<td>Guilin Liangjiang Airport</td>
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<tr>
<td>Railway Station</td>
<td>Guilin Railway Station</td>
</tr>
<tr>
<td>Downtown</td>
<td>Central Square</td>
</tr>
</tbody>
</table>
LOCAL TOUR
(One day tour)
FOR ALL REGISTRATIONS

Guilin: Li River, Yangshuo…

Located in the northeast of Guangxi Zhuang Autonomous Region, Guilin has a long history as the most beautiful place in China, famous for its wonderful scenery, crystal clear waters, unique caves, beautiful stones and karst peaks covered in lush greenery. Major attractions include Elephant Trunk Hill, Li River, Reed Flute Cave and Seven-Star Park, etc. A trip along the Li River is one of the highlights of a holiday in China. From Guilin to Yangshuo, the river meanders its way through 83 kilometers of beautiful countryside, with bamboo forests, dense reed-beds, and incredibly bizarre rock formations.

Center with Guilin City, the Li River start from the Lingqu Scenic which is in the North of Xing'an county town, south flowing to Yangshuo County town. One river (Li River), two holes (Reed Flute Cave, Seven Star Crags), three mountains (Solitary Beauty Peak, Fubo Hill, Folded Brocade Hill) is the essence of the landscape of Guilin. Recommended Guilin two-day trip is usually the first day of travel Solitary Beauty Peak, Folded Brocade Hill, Fubo Hill, Seven Star Crags and the Reed Flute Cave; the next day go to Yangshuo through the Li River.
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The SCTS, and concurrently the CGCL, is part of the national key discipline of computer system architecture and the key discipline of computer software and theory in Hubei Province, enjoying academic freedom and advanced research capabilities of international standards. The research areas that SCTS & CGCL is engaged in mainly include Computing System Virtualization, Grid Computing, Peer to Peer Computing, Image Processing, System Security, etc.

SCTS & CGCL Currently has 5 professors, 10 associate professors, and over 10 PhD staff members, among them there are altogether 1 leading scientist from National 973 Basic Research Project, 1 awarded with National Outstanding Youth, 1 selected as National Class Talent of “New Century Hundred-Thousand-Myriad Talents Plan”, 2 awarded with “Plan of Supporting New Century Talent”. Now there are 130 full-time PhD candidates and graduate students. SCTS & CGCL is the main node of ChinaGrid, CNGrid Wuhan node, 985 Innovation and Technology Platform. The total value of its research instrument adds up to over RMB90 million Yuan. It has about 2,000m² work space.

SCTS & CGCL has been undertaking about 40 significant research projects, including projects from 973 basic research project scheme, National Science & Technology Pillar Program, key projects from MOE, National Outstanding Youth Foundation, National Natural Science Foundation of China (NSFC), National 863 Hi-Tech R&D Program and some international cooperation, and CNGI projects supported by National Development and Reform Commission. Now SCTS & CGCL is playing a leading role in the “Changjiang Scholar and Innovative Team Development Plan” from MOE, and Hubei Natural Science Fund Innovative Team.

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