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Preface

Welcome to the proceedings of the 2008 IFIP International Conference on Network and Parallel Computing (NPC 2008) held in Shanghai, China.

NPC has been a premier conference that has brought together researchers and practitioners from academia, industry and governments around the world to advance the theories and technologies of network and parallel computing. The goal of NPC is to establish an international forum for researchers and practitioners to present their excellent ideas and experiences in all system fields of network and parallel computing. The main focus of NPC 2008 was on the most critical areas of network and parallel computing, network technologies, network applications, network and parallel architectures, and parallel and distributed software.

In total, the conference received more than 140 papers from researchers and practitioners. Each paper was reviewed by at least two internationally renowned referees and selected based on its originality, significance, correctness, relevance, and clarity of presentation. Among the high-quality submissions, only 32 regular papers were accepted by the conferences. All of the selected conference papers are included in the conference proceedings. After the conference, some high-quality papers will be recommended to be published in the special issue of international journals.

We were delighted to host three well-known international scholars offering the keynote speeches, Sajal K. Das from University Texas at Arlington USA, Matt Mutka from Michigan State University and David Hung-Chang Du from University of Minnesota University of Minnesota.

We would like to take this opportunity to thank all the authors for their submissions to NPC 2008. We also thank the Program Committee members and additional reviewers for providing in-depth reviews. Our thanks also go to local conference organizers for their local arrangements.

Last but not least, we appreciate IFIP Working Group 10.3 on Concurrent Systems. We are also grateful to the Steering Committee of IFIP NPC.

October 2008

Jian Cao
Minglu Li
Ming-You Wu
Jingjun Chen
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<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
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<td>Minglu Li</td>
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</tr>
</tbody>
</table>

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<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
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<td>Shanghai Jiaotong University, China</td>
</tr>
<tr>
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</tr>
</tbody>
</table>

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<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
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<td>Shanghai Jiaotong University, China</td>
</tr>
<tr>
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</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
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</tr>
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</tr>
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</tr>
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</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
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</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chuliang Weng</td>
<td>Shanghai Jiaotong University, China</td>
</tr>
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</tr>
</tbody>
</table>


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Table of Contents

Network Technologies

An AIAD-Based Adaptive Routing Protocol in Ad-Hoc Wireless Networks ..................................................... 1
  Youn-Sik Hong and Ki-Young Lee

Adaptive Neighbor Selection for Service Discovery in Mobile Ad Hoc Networks ................................................ 13
  Eunyoung Kang, Yongsoon Im, and Ungmo Kim

A Formal Approach to Robustness Testing of Network Protocol .......... 24
  Chuanming Jing, Zhiliang Wang, Xia Yin, and Jianping Wu

Deadline Probing: Towards Timely Cognitive Wireless Network ........ 38
  Panlong Yang, Guihai Chen, and Qihui Wu

SRDFA: A Kind of Session Reconstruction DFA .......................... 50
  Jinjing Huang, Lei Zhao, and Jiwen Yang

Measuring the Normality of Web Proxies’ Behavior Based on Locality Principles .................................................... 61
  Yi Xie and Shun-zheng Yu

Network Applications

Feedback Control-Based Database Connection Management for Proportional Delay Differentiation-Enabled Web Application Servers ... 74
  Wenping Pan, Dejun Mu, Hangxing Wu, Xinjia Zhang, and Lei Yao

Research on the Detection of Distributed Denial of Service Attacks Based on the Characteristics of IP Flow ......................... 86
  Dongqi Wang, Guiran Chang, Xiaoshuo Feng, and Rui Guo

Password-Authenticated Key Exchange between Clients in a Cross-Realm Setting ............................................. 94
  Shuhua Wu and Yuefei Zhu

Forward Secure Password-Based Authenticated Key Distribution in the Three-Party Setting ........................................ 105
  Shuhua Wu and Yuefei Zhu

Key Management Using Certificateless Public Key Cryptography in Ad Hoc Networks ........................................... 116
  Fagen Li, Masaaki Shirase, and Tsuyoshi Takagi
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Data Storage Mechanism for P2P VoD Based on Multi-channel Overlay</td>
<td>127</td>
</tr>
<tr>
<td>Xiaofei Liao, Hao Wang, Song Wu, and Hai Jin</td>
<td></td>
</tr>
<tr>
<td>HTL: A Locality Bounded Flat Hash Location Service</td>
<td>138</td>
</tr>
<tr>
<td>Ruonan Rao, Shuying Liang, and Jinyuan You</td>
<td></td>
</tr>
<tr>
<td>Accelerating the Propagation of Active Worms by Employing Multiple</td>
<td>150</td>
</tr>
<tr>
<td>Target Discovery Techniques</td>
<td></td>
</tr>
<tr>
<td>Xiang Fan and Yang Xiang</td>
<td></td>
</tr>
<tr>
<td>Online Accumulation: Reconstruction of Worm Propagation Path</td>
<td>162</td>
</tr>
<tr>
<td>Yang Xiang, Qiang Li, and Dong Guo</td>
<td></td>
</tr>
<tr>
<td>HRS: A Hybrid Replication Strategy for Exhaustive P2P Search</td>
<td>173</td>
</tr>
<tr>
<td>Hanhua Chen, Hai Jin, Xucheng Luo, and Zhiguang Qin</td>
<td></td>
</tr>
<tr>
<td>ResourceDog: A Trusted Resource Discovery and Automatic Invocation</td>
<td>185</td>
</tr>
<tr>
<td>P2P Framework</td>
<td></td>
</tr>
<tr>
<td>Bowei Yang, Guanghua Song, and Yao Zheng</td>
<td></td>
</tr>
</tbody>
</table>

**Network and Parallel Architectures**

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Novel Approach to Manage Asymmetric Traffic Flows for Secure Network Proxies</td>
<td>196</td>
</tr>
<tr>
<td>Qing Li</td>
<td></td>
</tr>
<tr>
<td>Automatic Transformation for Overlapping Communication and Computation</td>
<td>210</td>
</tr>
<tr>
<td>Changjun Hu, Yewei Shao, Jue Wang, and Jianjiang Li</td>
<td></td>
</tr>
<tr>
<td>Cooperative Communication System for Parallel Computing Agents in Multi-cluster Grid</td>
<td>221</td>
</tr>
<tr>
<td>Qing-Kui Chen and Wei Wang</td>
<td></td>
</tr>
<tr>
<td>CPI: A Novel Three-Phase Algorithm for QoS-Aware Replica Placement Problem</td>
<td>232</td>
</tr>
<tr>
<td>Wei Fu, Yingjie Zhao, Nong Xiao, and Xicheng Lu</td>
<td></td>
</tr>
<tr>
<td>Online Balancing Two Independent Criteria</td>
<td>244</td>
</tr>
<tr>
<td>Savio S.H. Tse</td>
<td></td>
</tr>
<tr>
<td>Procrastination Scheduling for Fixed-Priority Tasks with Preemption Thresholds</td>
<td>255</td>
</tr>
<tr>
<td>XiaoChuan He and Yan Jia</td>
<td></td>
</tr>
</tbody>
</table>

**Parallel and Distributed Software**

<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survey on Parallel Programming Model</td>
<td>266</td>
</tr>
<tr>
<td>Henry Kasim, Verdi March, Rita Zhang, and Simon See</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>An Integrated Framework for Wireless Sensor Web Service and Its</td>
<td>276</td>
</tr>
<tr>
<td>Performance Analysis Based on Queue Theory</td>
<td></td>
</tr>
<tr>
<td><em>Luqun Li</em></td>
<td></td>
</tr>
<tr>
<td>Grid Computing: A Case Study in Hybrid GMRES Method</td>
<td>286</td>
</tr>
<tr>
<td><em>Ye Zhang, Guy Bergere, and Serge Petiton</em></td>
<td></td>
</tr>
<tr>
<td>Towards Resource Reliability Support for Grid Workflows</td>
<td>297</td>
</tr>
<tr>
<td><em>Jiong Yu, Guozhong Tian, Yuanda Cao, and Xianhe Sun</em></td>
<td></td>
</tr>
<tr>
<td>A SyncML Middleware-Based Solution for Pervasive Relational Data</td>
<td>308</td>
</tr>
<tr>
<td>Synchronization</td>
<td></td>
</tr>
<tr>
<td><em>Haitao Yang, Peng Yang, Pingjing Lu, and Zhenghua Wang</em></td>
<td></td>
</tr>
<tr>
<td>An Efficient Authentication and Key Agreement Protocol in RFID System</td>
<td>320</td>
</tr>
<tr>
<td><em>Eun-Jun Yoon and Kee-Young Yoo</em></td>
<td></td>
</tr>
<tr>
<td>Grid Service Discovery Based on Cross-VO Service Domain Model</td>
<td>327</td>
</tr>
<tr>
<td><em>Jing-Ya Zhou, Jun-Zhou Luo, and Ai-Bo Song</em></td>
<td></td>
</tr>
<tr>
<td>Ontology-Based Semantic Method for Service Modeling in Grid</td>
<td>339</td>
</tr>
<tr>
<td><em>Bin Cheng, Xingang Wang, and Weiqin Tong</em></td>
<td></td>
</tr>
<tr>
<td>A Scalable and Adaptive Distributed Service Discovery Mechanism in</td>
<td>349</td>
</tr>
<tr>
<td>SOC Environments</td>
<td></td>
</tr>
<tr>
<td><em>Xiao Zheng, Junzhou Luo, and Ai-Bo Song</em></td>
<td></td>
</tr>
<tr>
<td>Author Index</td>
<td>361</td>
</tr>
</tbody>
</table>