

Technical Programme: May 2nd, 2007

Schedule	Grand Amphithéâtre	Amphithéâtre plein ciel (16 th floor)	Room Matisse/Modigliani (4 th floor)
8h30 - 9h	Registration		
9h - 9h30	Conference Opening Session		
9h30 - 10h30	Keynote: Laurence T. Yang representing St. Francis Xavier University (Canada)		
10h30 - 11h	Coffee		
11h - 13h	<p>Session 1: Pervasive Computing (chaired by Jean-Christophe Dubacq)</p> <p>An Ad Hoc Approach to Achieve Collaborative Computing with Pervasive Devices Ren-Song Ko, Matt Mutka</p> <p>An Energy-Efficient Clustering Algorithm for Large-Scale Wireless Sensor Networks Si-Ho Cha, Minho Jo</p> <p>An Algorithm Testbed for the Biometrics Grid Anlong Ming, Huadong Ma</p>	<p>Session 2: Cluster / Grid Computing (chaired by Michel Koskas)</p> <p>A Novel Data Grid Coherence Protocol Using Pipeline-based Aggressive Copy Method Reen-Cheng Wang, Su-Ling Wu, Ruay-Shiung Chang</p> <p>A Peer-to-Peer Indexing Service for Data Grids Henrik Thostrup Jensen, Josva Kleist</p> <p>Assessing Contention Effects on MPI_Alltoall Communications Luiz Angelo Steffanel, Maxime Martinasso, Denis Trystram</p>	<p>Session 3: HPC / Applications (chaired by Philippe d'Anfray)</p> <p>Formal Specification and Implementation of an Environment for Automatic Distribution Saeed Parsa, Omid Bushehrian</p> <p>Component Assignment for Large Distributed Embedded Software Development Zhigang Gao, Zhaohui Wu</p> <p>A Design of Cooperation Management System to Improve Reliability in Resource Sharing Computing Environment Ji Su Park, Kwang Sik Chung, Jin Gon Shon</p>
13h-14h15	Lunch at Caf��rariat (2 nd floor)	Lunch at Caf��rariat (2 nd floor)	Lunch at Caf��rariat (2 nd floor)
Schedule	Grand Amphith��tre	Amphith��tre plein ciel (16 th floor)	Room Matisse/Modigliani (4 th floor)
14h15 - 15h45	<p>Session 4: Pervasive Computing (chaired by Richard Olejnik)</p> <p>Minimalist Object Oriented Service Discovery Protocol for Wireless Sensor Networks David Villa-Alises, F.J. Villanueva, Francisco Moya, Fernando Rincon, Jesus Barba, J.C. Lopez</p> <p>LDFSA : A Learning-based Dynamic Framed Slotted ALOHA for Collision Arbitration in Active RFID Systems Hyuntae Cho, Woonghyun Lee, Yunju Baek</p> <p>UR-Tree : An Efficient Index for Uncertain Data in Ubiquitous Sensor Networks Dong-Oh Kim, Hong-Koo Kang, Ki-Joon Han</p>	<p>Session 5: Cluster / Grid Computing (chaired by Yong-Kee Jun)</p> <p>Dynamic distribution for data storage Cyril Randriamaro, Olivier Soye, Gil Utard, Francis Wlazinski</p> <p>GRAVY: Towards Virtual File System for the Grid Thi Mai Huong Nguyen, Fr��d��ric Magoul��s, C��dric Revillon</p> <p>A High-Performance Virtual Storage System for Taiwan UniGrid Chien-Min Wang, Hsi-Min Chen, Chun-Chen Hsu, Jan-Jan Wu</p>	<p>Session 6: HPC / Applications / Algorithms (chaired by Lucian Finta)</p> <p>SONMAS: A Structured Overlay Network for Multidimensional Attribute Space Hsiu-Chin Chen, Chung-Ta King</p> <p>Design of PeerSum: a Summary Service for P2P Applications Rabab Hayek, Guillaume Raschia, Patrick Valduriez, Noureddine Mouaddib</p> <p>Dynamic Workload Balancing for Collaboration Strategy in Hybrid P2P System Suhong Min, Byoung Lee, Dongsu Cho</p>
15h45 - 16h-15	Coffee		
16h15: Welcome message from Sandrine Mazetier, Deputy Vice City Mayor in charge with Student Activities			
16h15 - 18h	ROUND TABLE ON PERVASIVE GRIDS - L. Brunie, M. Parashar and JM. Pierson		
18h15: Departure for the City Hall visit (strict schedule)			

Technical Programme: May 4th, 2007

Schedule	Amphith��tre plein ciel (16 th floor)	Room Picasso (4 th floor)	
8h30 - 9h	Registration		
9h - 10h	Keynote: Mynyi Guo, Professor at School of Computer Science and Engineering, University of Aizu (Japan)		
10h - 10h30	Coffee		
10h30 - 13h	<p>Session 16: Cluster / Grid Computing (chaired by Nahid Emad)</p> <p>Performance-based Workload Distribution on Grid Environments Wen-Chung Shih, Chao-Tung Yang, Shian-Shyong Tseng</p> <p>Towards a Peer-To-Peer platform for High Performance Computing Nabil Abdennadher, R��gis Boesch</p> <p>Credibility Assignment in Knowledge Grid Environment saeed Parsa, Fereshteh-A Parand</p> <p>Server-side Parallel Data Reduction and Analysis Daniel Wang, Charles Zender, Stephen Jenks</p> <p>A Framework for Dynamic Deployment of Scientific Applications based on WSRF Lei Yu, Fr��d��ric Magoul��s</p>	<p>Session 17: Pervasive and Ubiquitous Computing (chaired by Fr��d��ric Magoul��s)</p> <p>A Visual Framework for Deploying and Managing Context-aware Services Ichiro Satoh</p> <p>Image Streaming and Recognition for Vehicle Location Tracking using Mobile Devices Jin-Suk Kang, Taik-Yeong T Jeong, Sang-Hyun Oh, Mee-Young Sung</p> <p>Research on Planning and Deployment Platform for Wireless Sensor Networks Yuebin Bai, Jinghao Li, Jiuyu Guo, Yujun Chen, Depei Qian</p> <p>SEMU : A Framework of Simulation Environment for Wireless Sensor Networks with co-simulation model Shih-Hsiang Lo, Jiun-Hung Ding, Sheng-Je Hung, Jin-Wei Tang, Wei-Lun Tsai, Yeh-Ching Chung</p> <p>A Thin Client Approach to Supporting Adaptive Session Mobility Dan MacCormac, Mark Deegan, Fred Mtenzi</p>	
13h - 14h15	Lunch at Caf��rariat (2 nd floor)	Lunch at Caf��rariat (2 nd floor)	Lunch at Caf��rariat (2 nd floor)
Schedule	Amphith��tre plein ciel (16 th floor)	Room Picasso (4 th floor)	
14h15 - 15h	Keynote: Franck Cappello, Reseach Director at INRIA-futurs (France), Grid'5000 Project co-Leader.		
15h - 16h45	<p>Session 18: Web Semantics and Services, Applications, Algorithms (chaired by Laure Bourgeois)</p> <p>A Web Service-based Brokering Service for e-Procurement in Supply Chains Giner Alor Hernandez, Ruben Posada Gomez, Juan Miguel Gomez Berbis</p> <p>Combining software agents and grid middleware Richard Olejnik, Bernard Tourseil, Maria Ganzha, Marcin Paprzycki</p> <p>Parallel Edge Detection on a Virtual Hexagonal Structure Xiangjian He, Wenjing Jia, Qiang Wu, Tom Hintz</p> <p>Task Migration in a Pervasive Multimodal Multimedia Computing System for Visually-Impaired Users Ali Awde, Manolo Dulva Hina, Yacine Bellik, Amar Ramdane-Cherif, Chakib Tadj</p>	<p>Session 19: Applications (chaired by Mourad Hakem)</p> <p>Providing Service Oriented Abstractions for the Wireless Sensor Grid Edgardo Aviles-Lopez, J. Antonio Garcia-Macias</p> <p>Implementation of OSD Security Framework and Credential Cache Gu Su Kim, Kwangsun Ko, Ungmo Kim, Young Ik Eom</p> <p>Automatic Execution of Tasks in MiPeG Antonio Coronato, Giuseppe De Pietro, Luigi Gallo</p> <p>Bio-Inspired Grid Information System with Epidemic Tuning Agostino Forestiero, Carlo Mastroianni, Fausto Pupo and Giandomenico Spezzano</p>	
16h45 - 17h	Concluding Remarks and Coffee		

Technical Programme: May 3rd, 2007

Schedule	Grand Amphithéâtre	Amphithéâtre plein ciel (16 th floor)	Room Picasso (4 th floor)
8h30 - 9h	Registration		
9h - 10h	Keynote: Thierry Priol, Scientific Coordinator of the European CoreGRID Network of Excellence, INRIA Research Director, IRISA member at Rennes, France.		
10h - 10h30	Coffee		
10h30 - 13h	<p>Session 7: Cluster / Grid Computing (chaired by Nabil Abdennadher)</p> <p>A Novel Recovery Approach for Cluster Federations Bidyut Gupta, Shahram Rahimi, R. Chirra, Raheel Ahmad</p> <p>A Grid Resource Broker with Network Bandwidth-Aware Job Scheduling for Computational Grids Chao-Tung Yang, Sung-Yi Chen, Tsui-Ting Chen</p> <p>Group-based Self-Organization Grid Architecture Jaime Lloret, Miguel Garcia, Fernando Boronat, Jesus Tomas</p> <p>CFR: A Peer-to-Peer Collaborative File Repository System Meng-Ru Lin, Ssu-Hsuan Lu, Tsung-Hsuan Ho, Yeh-Ching Chung</p>	<p>Session 8: Pervasive and Ubiquitous Computing (chaired by Jean-Christophe Dubacq)</p> <p>Zebra: A Model for Service Composition with Multiple QoS Constraints XingZhi Feng</p> <p>Heterogeneous Wireless Sensor Network Deployment and Topology Control Based on Irregular Sensor Model Chun-Hsien Wu, Yeh-Ching Chung</p> <p>Multiple Cluster Merging and Multihop Transmission in Wireless Sensor Networks Siddeswara Guru, Matthias Steinbrecher, Saman Halgamuge, Rudolf Kruse</p> <p>Optimal Deployment of Mobile Sensor Networks and Its Maintenance Strategy Xiaoling Wu</p>	<p>Session 9: Application / HPC / Algorithms (chaired by Jean-Luc Gaudiot)</p> <p>Interoperable Grid PKIs among Untrusted Domains: An Architectural Proposal Valentina Casola, Jesus Luna, Oscar Manso, Nicola Mazzoca, Manel Medina, Massimiliano Rak</p> <p>TCMM: Hybrid Overlay Strategy in P2P Live Streaming Services Hai Jin, Xupin Tu, Chao Zhang, Ke Liu, Xiaofei Liao</p> <p>Fault management in P2P-MPI Stéphane Genaud, Choopan Rattanapoka</p> <p>Middleware support for Java applications on Globus-based grids Yudith Cardinale, Carlos Figueira, Emilio Hernandez, Eduardo Blanco, Jesus De Oliveira</p>
13h-14h15	Lunch at Cafériariat (2 nd floor)	Lunch at Cafériariat (2 nd floor)	Lunch at Cafériariat (2 nd floor)
Schedule	Amphithéâtre plein ciel (16 th floor)	Room Toulouse Lautrec (4 th floor)	Room Picasso (4 th floor)
14h15 - 15h30	<p>Session 10: Cluster and Grid Computing (chaired by Michel Koskas)</p> <p>A Collaborative-Aware Task Balancing Delivery Model for Clusters Jose L. Bosque, Pilar Herrero, Manuel Salvadores, Maria S. Pérez</p> <p>Optimizing Server Placement for QoS Requirements in Hierarchical Grid Environments Chien-Min Wang, Chun-Chen Hsu, Pangfeng Liu, Hsi-Min Chen, Jan-Jan Wu</p> <p>Development of a GT4-based Resource Broker Service: an application to on-demand weather and marine forecasting Raffaele Montella</p>	<p>Session 11: Pervasive and Ubiquitous Computing (chaired by Jean-Christophe Dubacq)</p> <p>AHSEN -- Autonomic Healing-based Self management Engine for Network management in hybrid networks Junaid Chaudhry, Seungkyu Park</p> <p>Small-World Network Inspired Trustworthy Web Service Evaluation & Management Model Qing-hua Meng, Yong-sheng Ding</p> <p>Meeting QoS Requirements of Mobile Computing by Dual-level Congestion Control Yi-Ming Chen, Chih-Lun Su</p>	<p>Session 12: HPC / Applications / Algorithms (chaired by Philippe d'Anfray)</p> <p>Server Placement in the Presence of Competition Yi-Min Chung, Pangfeng Liu, Jan-Jan Wu</p> <p>A Scalable Mechanism for Semantic Service Discovery in Multi-ontology Environment Zhizhong Liu, Huaimin Wang, Bin Zhou</p> <p>An Improved Model for Predicting HPL Performance Chau-Yi Chou, Hsi-Ya Chang, Shuen-Tai Wang, Kuo-Chan Huang, Cherng-Yeu Shen</p>
15h30 - 16h	Coffee	Coffee	Coffee
16h - 18h	<p>Session 13: Cluster and Grid Computing (chaired by Christophe Cérin)</p> <p>Towards Feasible and Effective Load Sharing in a Heterogeneous Computational Grid Kuo-Chan Huang, Po-Chi Shih, Yeh-Ching Chung</p> <p>A Grid-Based Remote Experiment Environment in Civil Engineering Jang Ho Lee, Taikyeong Jeong, Yi Song Yi</p> <p>Adaptive Workflow Scheduling Strategy in Service-Based Grids JongHyuk Lee, SungHo Chin, TaeMyoung Yoon, Kwang Sik Chung, HeonChang Yu</p> <p>Architecture-based Autonomic Deployment of J2EE Systems in Grids Didier Hoareau, Takoua Abdellatif Berrayana, Yves Mahéo</p>	<p>Session 14: Pervasive and Ubiquitous Computing (chaired by Jean-Marc Pierson)</p> <p>Mobile Ad Hoc Grid using Trace Based Mobility Model Vetri Selvi, Ranjani Parthasarathi, Shakir Sharfraz</p> <p>The Modified Grid Location Service for Mobile Ad-Hoc Networks Hau-Han Wang, Sheng-De Wang</p> <p>Authentication and Access Control in Pervasive Grid Environments Rachid Saadi, Jean Marc Pierson, Lionel Brunie</p>	<p>Session 15: HPC / Applications / Algorithms / Middleware (chaired by Richard Olejnik)</p> <p>A Transaction Model for Context-Aware Applications Shaxun Chen, Jidong Ge, Xianping Tao, Jian Lu</p> <p>Self Managing Middleware for Dynamic Grids Sachin Wasnik, Terrence Harmer, Paul Donachy, Andrew Carson, Peter Wright, John Hawkins, Christina Cunningham, Ron Perrott</p> <p>Scalable Thread Visualization for Debugging Data Races in OpenMP Programs Young-Joo Kim, Jae-Seon Lim, Yong-Kee Jun</p> <p>MPIRace-Check: Detection of Message Races in MPI Programs Mi-Young Park, Yong-Kee Jun</p>

18h: Departure for the banquet (strict schedule)