

1st International Workshop on Distributed Computing in Ambient Environments (DiComAe)

Co-located with the 32nd Annual Conference on Artificial Intelligence
Paderborn, September 15th, 2009

Preliminary program

- 8:30 - 9:00 Registration
- 9:00 - 9:10 Welcome
- 9:10 - 9:40 Tariq Abdullah and Koen Bertels: Agent Toolkits for Ad Hoc Grids
- 9:40 - 10:10 Jörg Schmalenströer, Volker Leutnant, and Reinhold Haeb-Umbach: Audio-visual Data Processing for Ambient Communication
- 10:10 - 10:40 M. Zaheer Aziz, Dirk Fischer, and Bärbel Mertsching: A Distributed Computing Architecture for Artificial Visual Attention on Mobile Robots
- [Coffee]
- 11:00 - 11:30 Mads Ingstrup, Weishan Zhang, Klaus M. Hansen, and João Fernandes: Architecting Self-Management in the Hydra Middleware
- 11:30 - 12:00 Marco Jahn, Ferry Pramudianto, and Ahmad-Amr Al-Akkad: Hydra Middleware for Developing Pervasive Systems: A Case Study in the e-Health Domain
- 12:00 - 12:30 Sufyan Samara, Fahad Bin Tariq: OS service optimization in a heterogeneous distributed System on Chip (SoC)
- [Lunch]
- 14:00 - 14:45 Short papers (5-10 min presentation each)
- Wolfgang Thronicke: Context-aware self-management for dynamic service platforms
- Neeraj Sharma, Jeong Il Kwon, Choi Byoung Tae: A Robust Fingerprint Matching Algorithm with Special Consideration of MissingPoints
- Sebastian P. Schröder, Volker Gruhn: Opportunities and Risks of Ubiquitous Computing and Ambient Intelligence in View of Modern Business Processes in the Insurance Industry
- Sohail Sarwar, Hironao Takahashi, Zia-ul-Qayyum, Owais Ahmed Malik, Bilal Ali,, H. Farooq Ahmed: Case Adaptation through Case Based Reasoning and Neural Networks for Predictive Prefetching
- Syed Yasir Imtiaz, Abdul Hameed, Nasro Min-Allah: Multi-core Technology: An overview
- 14:45 - 15:30 Poster session
- [Coffee]
- 16:00 - 16:30 Atta Badii, Adedayo O. Adetoye, Daniel Thiemert, and Mario Hoffmann: Hydra Semantic Security Resolution Framework to support Ambient Intelligent Environments
- 16:30 - 17:00 Tobias Wahl, Julian Schütte, and Peter Kostelnik: Security Mechanisms for an Ambient Environment Middleware
- 17:00 - 17:30 Discussion & Closing