IEEE PerWare '07

Middleware Support for Pervasive Computing Workshop at the 5th Conference on Pervasive Computing & Communications (PerCom 2007)

New York, USA, March 19-23, 2007
http://perware.cs.uiuc.edu

The design of middleware services to support pervasive computing is extremely challenging, posing new requirements for ease of deployment, handling of heterogeneity and scale, resilience to failure, application support and creation, and incremental deployment and evolution. Facing these challenges is a community wide effort, necessitating the pooling of our resources and experiences in order to develop new paradigms and techniques. The goal of this workshop is to foster the research community working in this field. Since its first installment in 2004, PerWare has successfully gathered the principal practitioners and their experiences under one roof to discuss their findings and move the state of the art forward. We look forward to continue this tradition in PerWare 2007.

Topics   The workshop solicits papers addressing the following topics:

- **Middleware design patterns for pervasive computing.**
- **Middleware support for user-centric computing.**
- **Adaptable, recoverable, secure and fault tolerant middleware for pervasive computing.**
- **Middleware platforms for mobile devices.**
- **Middleware support for novel pervasive computing application models.**
- **Metrics for evaluating pervasive computing middleware infrastructures.**

Submission Guidelines

Paper submissions **must cover one of the topics above**, and should not exceed **five pages**. Furthermore, we will prioritize experience papers describing lessons learnt from built systems, including information about approaches that did and did not work, unexpected results, common abstractions, implementation of real-world scenarios, and metrics for evaluating pervasive computing middleware infrastructures.

Submissions of papers are solicited in the **IEEE proceedings format**. Research papers must be original prior unpublished work and not under review elsewhere. All submissions will be reviewed blindly and selected based on their originality, merit, and relevance to the workshop. Blinded submissions in PDF format must be submitted online through the workshop page at **http://perware.cs.uiuc.edu/** no later than **October 7, 2006.** Accepted papers must be presented at the workshop, and will appear in the IEEE PerCom workshop proceedings.

Please visit **http://perware.cs.uiuc.edu** or email **perware@gmail.com** if you have any questions.

Important Dates

Paper Submission:	**October 7, 2006**	Acceptance Notification:	**November 25, 2006**
Camera-Ready:	**December 22, 2006**	Workshop Date:	**March 19 or 23, 2007 (TBD)**

Organizing Committee

Jalal Al-Muhtadi, King Saud Univ., Saudi Arabia	Roy Campbell, Univ. of Illinois, USA
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