Call For Papers

Third ACM International Workshop on
Services Integration in Pervasive Environments (SIPE'2008)
http://sipe08.conf.citi.insa-lyon.fr/

at International Conference on Pervasive Services (ICPS'2008)
http://icpsconference.org/2008/

Sorrento, Italy, July 6-10, 2008

Important Dates

Submission of papers: April 25, 2008
Notification of acceptance: May 12, 2008
Camera-ready version of papers: May 30, 2008
Workshop date: July 6-10, 2008

Workshop scope

In the last years, service-oriented computing and pervasive computing are emerging as the next computing paradigms. Service-oriented computing allows to easily develop, publish and use software functionalities. Pervasive computing rests on mobile and/or embedded devices, available anywhere and anytime, that can potentially provide services. Bringing these two trends together raises the new challenge of integrating/unintegrating, in an application, non-predefined services just discovered in the pervasive environment.

Three main sub-areas of this challenge are tackled in this workshop:
- **Frameworks/Infrastructures for services integration:** different developing frameworks exist and can be used or modified to ease services integration; different deployment infrastructures also exist and can be adapted to take into account the pervasive nature of the environment.
- **Services interactions:** allowing non-predefined services to interact implies to have 'smart' and adaptive matching and communication mechanisms.
- **Dynamic combining of services:** because pervasive environments are highly dynamic, the integration of services needs to be aware of context changes to choose the more appropriate combining/deployment techniques.

Topics of interests (but not limited to)

- Developing frameworks for services integration
- Deployment infrastructures for services integration
- Semantic services discovery and matching
- Adaptive communication protocols for pervasive services
- Context-aware integration
- Aspect-oriented approaches in pervasive environments
- Services composition and choreography in pervasive environments
- Integration strategies
- Monitoring and management of services integration
- Contracting and negotiating approaches of integration

- Ontologies of integration
- Secure pervasive integration
- Business integration approaches for pervasive services
- Enterprise service integration
- Autonomic integration

Paper Submission and Proceedings

Authors are invited to submit original manuscripts, which should be written in English and with a very precise and concise presentation of no more than 6 pages in ACM format. Authors are invited to send their manuscripts as an attachment (PDF or PS format) by email to the workshop chair at frederic.le-mouel@insa-lyon.fr. Submission implies the willingness of at least one of the authors to register and present the paper. Workshop proceedings will be included in the edition of the ICPS conference published by ACM.

For further formatting details, please follow the link below for directions on how to format the camera ready version of your manuscript: http://www.sheridanprinting.com/typedept/icps.htm

General co-Chairs

Frédéric Le Mouël   INRIA / INSA Lyon, FR   frederic.le-mouel@insa-lyon.fr
Stéphane Frénot   INRIA / INSA Lyon, FR   stephane.frenot@insa-lyon.fr

Technical Program Committee

Yolande Berbers   KU Leuven, Belgium
Tarak Chaari   LAAS, France
Filip De Turck   Ghent University, Belgium
Didier Donsez   University Joseh Fourier, France
Stéphane Frénot   INRIA / INSA Lyon, France
Nikolaos Georgantas   INRIA, France
Sajid Hussain   Acadia University, Canada
Noha Ibrahim   INRIA / INSA Lyon, France
Julia Kantorovitch   VTT, Finland
Rüdiger Kapitza   FAU-Erlangen, Germany
Frédéric Le Mouël   INRIA / INSA Lyon, France
Nicolas Le Sommer   University of South Brittany, France
Jorge Parra   IKERLAN, Spain
Pravin Pawar   University of Twente, The Netherlands
Philippe Roose   University of Pau, France
Ioanna Roussaki   NTUA, Greece
Ichiro Satoh   NII, Japan
Sotirios Terzis   University of Strathclyde, United Kingdom
Andrew Tokmakoff   Philips Research, The Netherlands

Previous edition

Second IEEE International Workshop on Services Integration in Pervasive Environments (SIPE'2007) (http://sipe07.conf.citi.insa-lyon.fr/) at IEEE International Conference on Pervasive Services (ICPS'2007) in Istanbul, Turkey.

First IEEE International Workshop on Services Integration in Pervasive Environments (SIPE'2006) (http://sipe06.conf.citi.insa-lyon.fr/) at IEEE International Conference on Pervasive Services (ICPS'2006) in Lyon, France.