

**International Workshop on
Service computing, Context-aware,
Location-aware and Positioning techniques
SCLP'08**

November 5-7, Tangier – Morocco 2008

In conjunction with NTMS'08

Aims and Scope

The positioning techniques and navigation systems are understood as any solution that can place, locate or produce information and geographical coordinates of a person, vehicle, property or other items, particularly on the occasion of their mobility, displacement or movement. In recent years, there has been growing interest in location based services and navigation systems. However, the developing research in this area has some limitations in the composition, collaboration, cooperation and synchronization between different services. The interoperability and resource sharing between services of different domains are primordial tasks in discovering services and in sequencing of the interactions between them.

The workshop SCAP'08 will emphasize positioning techniques and system navigation for interaction and interoperability of services including web services, services operation and management, mathematical and formal methods for specification, modeling, verification and validation of scenarios.

This workshop aims to provide a forum in which to focus on location based services and positioning techniques, methods, concepts, models, languages and tools that enable the design and development of practical applications in the context of navigation systems. It aims to bring together researchers, students and professionals from Software Engineering area, Software architecture area and mobile services computing area to reach a better understanding of the relationships between them and promote their research efforts.

List of topics

The topics of interest for SCLP'2008 workshop include but are not limited to:

- Positioning techniques
- Global Navigation Satellite System
- Wireless Positioning techniques
- Geolocation techniques of Internet hosts
- Geocasting
- Geofencing
- Geographic routing protocols for mobile, Ad-hoc sensor networks
- Location systems for mobile-computing applications

- Data Fusion
- Location routing algorithms for V2V communication
- Self-configurable positioning techniques
- Sensor networks
- Ubiquitous and pervasive computing
- Location based services
- Context-aware computing
- Service-Oriented Architecture
- Service interoperability, interaction and synchronization
- Service operations and management
- Self-organization of services
- Service discovery and negotiation
- Web services
- Service security and privacy
- Formal methods for specification, verification and validation
- Service modeling and performance evaluation
- Transportation applications

Paper Submission

Authors are invited to submit their work in IEEE double-column (less than 6 pages) format as an attachment (PDF or PS format) by email to the workshop co-chairs at ahmed.nait-sidi-moh@utbm.fr and maxime.wack@utbm.fr. The suggested instructions to follow for the IEEE format are available at the conference web site [NTMS 2008](#).

Questions concerning hardcopy submissions or any other issues may be directed to ahmed.nait-sidi-moh@utbm.fr or maxime.wack@utbm.fr.

Accepted papers will be included in the NTMS proceedings and will be available on the IEEE Xplore.e.