

## CALL FOR PAPERS

### *Sixth Pre-ICIS SIG DSS Workshop*

***"Supporting real time decision-making:  
The role of context in decision support on the move"***

**13<sup>th</sup> December, 2008  
Paris, France**

**Workshop URL: - <http://www-poleia.lip6.fr/~brezil/RTDMC-08>**

#### **Overview and Goals**

Traditionally decision support systems (DSS) address strategic and long-term decision situations. However, due to the dynamic nature of organisations and of the environment that impose a continuous and rapid replanning, it is equally important to study a possibility of providing some support for making time-critical operational decisions in real time in a best possible way. The complexity, multiple goals and various time-critical imperatives associated with such decision support increases the importance of learning the right context for making a good choice.

Organized by SIGDSS, this workshop will explore issues associated with the design and use of the real-time Decision Support Systems. The workshop will provide a forum for presentation and discussion of research regarding systems which support real-time decisions "on the move". This includes the current state, challenges in design, theory, practice, methods and techniques, new developments, and applications of computing technologies to support extracting the context of real-time decision processes and decision-making by individuals, groups and organizations in time-critical situations. The challenges of context management as a component to knowledge management for decision making and support will be also addressed.

#### **Workshop Topics**

The workshop will focus on the role of context for time-critical decision support. In particular, we invite submissions, which address specifically the question: How extracting the context-based information can assist in real time decision support?

The other topics of interest include:

- Context-based decision-making methods and tools;
- Contextualizing information for time-critical decision making;
- Processes and procedures of extracting contextual information for decision support;
- Identifying context in the decision making/support process;
- Managing the contextualization process of decision making/support.
- Dynamic filtering of information for real-time decision making and support.

The submissions, which present a concrete and constructive results or ideas on the above topics as well as more broadly on the context in decision-making and DSS review available approaches to mobile real time decision support, are sought. The research should specifically highlight the advantages and also identify the challenges that such approaches bring to the users and developers in time-critical decision situations are welcome.

#### **Format of Submissions**

Both in-progress, completed research, and "extended abstract" papers are welcome. Submissions will be double-blind peer reviewed. Authors may be asked to review one or two papers submitted to the workshop. In-progress submissions should be no more than seven double-spaced pages (using Times Roman 12 point font). Completed research should be no more than fifteen double-spaced pages. Microsoft Word or Rich Text Format (RTF) is preferred. The specified lengths include the abstract, references, and figures. Extended abstracts can vary in length, but are usually around three to four pages and are useful for presenting research in early stages, where authors would like to receive feedback regarding their ideas. The extended abstracts will be reviewed, but evaluated separately from the in-progress and completed research papers. The number of accepted submissions will be restricted in order to maintain a high quality of the discussion and allow good level of debate.

The workshop will produce a set of electronic proceedings and aims to select entries for a book to be published in the Annals of Information Systems series.

#### **Important dates**

<b>Abstracts due</b>	<b>June 16, 2008</b>
<b>Panel proposals and papers due</b>	<b>August 22, 2008</b>
<b>Notification to Authors:</b>	<b>September 22, 2008</b>
<b>Deadline for Final Papers</b>	<b>October 27, 2008</b>
<b>Workshop date</b>	<b>December 13, 2008</b>

**Please submit by email to Frada Burstein ([Frada.Burstein@infotech.monash.edu.au](mailto:Frada.Burstein@infotech.monash.edu.au)).**

**Abstracts by Monday, June 16, 2008**

**Papers by Friday August 22, 2008.**

You will be notified about the acceptance decision by Monday, **September 22, 2008.**

#### **Workshop format**

As usual, the workshop program will include presentations of the accepted submissions, some panel discussions on SIGDSS-related issues featuring members of the SIGDSS Steering Committee and other invited speakers on the specific theme. In addition those who register for the workshop will be able to participate in a facilitated on-line discussion in preparation and in addition to the face to face forum on the day of the workshop.

#### **Registration**

You can register for the workshop through the ICIS 2008 website at the same time as you register for the conference. The registration fee for the workshop is 70EUR which includes participation in the workshop and pre-workshop facilitated discussion, lunch and two break refreshments. A complete program will be available via the workshop's web page.

#### **Workshop organisation**

##### **Workshop Co-Chairs:**

Frada Burstein, Monash University, Australia,  
Patrick Brezillon, University Paris VI, France

##### **Steering Committee:**

Karen Corral, Arizona State University, USA  
Uday Kulkarni, Arizona State University, USA  
Dan Power, University of Northern Iowa, USA  
David Paradice, Florida State University, USA  
Jean-Charles Pomerol, University Paris VI, France  
Ramesh Sharda, Oklahoma State University, USA  
David Shuff, Temple University, USA  
Ozgur Turetken, Ryerson University, USA  
Arkady Zaslavsky, Lulea Technical University, Sweden

#### **Sponsored by:**

- Association for Information Systems Special Interest Group on Decision Support, Knowledge and Data Management (SIGDSS) SIGDSS URL:  
<http://ais.affiniscape.com/displaycommon.cfm?an=1&subarticlenbr=269>
- Pierre & Marie Curie University (UPMC)
- Laboratoire d'Informatique de Paris 6 (LIP6)