

# Call for Papers

## Workshop on

# Software Engineering for Tailor-made Data Management

in conjunction with

**11th International Conference on Extending Database Technology (EDBT 2008)**

**March 29, 2008, Nantes, France**

### Abstract

Tailor-made data management software (DMS) is not only important in the field of embedded systems. DMS that incorporates only required functionality bears the potential to strip down the code base and to improve reliability and maintainability.

In the past 20 years several new technologies have emerged that aim at lean, efficient, and well-structured software. Especially, work on software product lines, components, patterns, features, and aspects is promising in this respect. These techniques should also be applicable to DMS.

This workshop addresses the development, application, and assessment of these new technologies in the context of DMS. We invite contributions to the below listed and related topics.

### Topics

Contributions regarding the following topics are invited:

- Tailoring and customization of DMS
  - Embedded, mobile, and realtime systems
  - Novel hardware
  - Special-purpose applications: Ubiquitous Computing, Organic Computing, etc.
- Separation of concerns in DMS
  - DMS synthesis, optimization, and composition
  - Component-, kernel-, and transformation-systems
  - Advanced programming paradigms: aspects, features, patterns, slices, components
- DMS / DBMS Architecture
  - Software product lines, model-driven development
- Portability, adaptability, evolvability

### Submissions

We invite submissions of 2 to 6 pages long in ACM proceedings format. The papers will be reviewed by at least three members of the program committee and the organization committee. The authors will be notified about acceptance before the early registration deadline. Papers can be submitted in electronic form (PDF) without page numbering via the website of the workshop ([http://www.iti.cs.uni-magdeburg.de/iti\\_db/workshops/SETMDM/](http://www.iti.cs.uni-magdeburg.de/iti_db/workshops/SETMDM/)).

### Workshop Format

The workshop is scheduled as a full day workshop. Accepted papers will be published as workshop post-proceedings in ACM digital library.

### Important Dates

December 14, 2007 – Paper submission deadline  
January 31, 2008 – Notification of acceptance  
March 15, 2008 – Camera ready papers due  
March 29, 2008 – Workshop

### Organization

S. Apel (University of Passau)  
M. Rosenmüller (University of Magdeburg)  
G. Saake (University of Magdeburg)  
O. Spinczyk (University of Dortmund)

### Program Committee

K. R. Dittrich (University of Zürich)  
Goetz Graefe (HP Labs)  
T. Härder (Technical University of Kaiserslautern)  
Martin Kersten (Centrum voor Wiskunde en Informatica – CWI)  
Thomas Leich (METOP GmbH)  
Awais Rashid (Lancaster University)  
Yannis Smaragdakis (University of Oregon)  
Aleksandra Tesanovic (Philips Research Laboratories)