

Call for Paper



Special Issue in the International Journal of Intelligent Manufacturing

“Ubiquitous computing, Data management and Intelligent manufacturing (UDI)”



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Overview

The concept of the ubiquitous computing, Data management and intelligent manufacturing can be regarded as a facility with a number of layered components. The first layer is the data management which will provide the raw computing power, high speed data processing and associate data storage. The second layer, which is superimposed on top of the data management, is known as the ubiquitous computing which will allow easily accessible connections to major source of information and tools for its analysis and visualization. The next layer is the intelligent manufacturing which involves special techniques that give added value to the information and also provide intelligent guidance for decision-makers. This CFP is concerned mainly with these layers.

The special issue will provide an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of UDI. The special issue will publish high quality papers which are closely related to the various theories and practical applications in UDI. In addition, we expect that the special issue will be a trigger for further related research and technology improvements in this important subject.

Topics

Areas of interest for this special issue include, but are not limited to, the following topics:

Data Structure and Storage Management in Ubiquitous Computing

- Information Retrieval in Intelligent Manufacturing
- Knowledge Discovery in Intelligent Manufacturing
- Data Migration and Integration in Ubiquitous Computing
- Data Mining and Knowledge Discovery in Ubiquitous Computing
- Web Service and Information Management in Ubiquitous Computing
- Data Grid and Peer-to-Peer Systems
- Mobile Data Management
- Data Dissemination and Replication
- Data Management for Sensor Network
- Embedded Database Systems

Schedule

Submission due date : May 31, 2007

Notification of acceptance: July 31, 2007

Camera Ready Paper due date: August 21, 2007

Publication date : 4th Quarter, 2007 or 1st Quarter, 2008 (Tentative)

Submission

Only the authors of the best papers who presented the paper at [MUE2007](#) or [DMUC-07](#) can submit their revised papers to this special issue. Authors should follow the Style and Author Guidelines for regular JOURNAL OF INTELLIGENT MANUFACTURING papers available at Instructions of Authors. Please submit your papers to the guest editor, Prof. Dongseop Kwon, at kwon.dongseop@gmail.com

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