The 2012 International Workshop on Infrastructure, Technologies and Applications for Distributed Data Collection, Processing, and Dissemination
DDCPD-2012, http://www.lac.inpe.br/DDCPD-2012/ - Fukuoka, Japan, September 04-07, 2012

The DDCPD-2012 Workshop will be held in conjunction with The 9th International Conference on Ubiquitous Intelligence and Computing (UIC 2012). Selected papers of the workshop will be published by IEEE-CS Conference Publishing Services (IEEE-DL and EI indexed).

Fukuoka, Japan, September 04-07, 2012

Important dates
- Paper Submission Deadline: **May 31, 2012 (Final)**
- Authors Notification: June 15, 2012
- Final Manuscript Deadline: June 28, 2012

DDCPD-2012 CPF (text, PDF)

Objectives and Scope
Many types of device, both generic (computers, cell phones, etc.) and specific (sensors, devices with embedded systems) are able to collect different kinds of data for several different purposes. Often, when designing a system to deal with distributed data, there is the need to explore efficient, fast, precise and/or resilient ways to collect, process and analyse the data. Although most solutions are specific and ad-hoc, tools, techniques, and best practices from one deployment could be used in others, even for other application domains.

The purpose of this workshop is to serve as a forum for discussion of issues related to distributed data collection, processing, analysis and dissemination, with emphasis on the following topics (non-exclusive list):

- Architectures and systems for distributed data collection, processing, dissemination.
- Sensor networks for data collection and processing.
- Hardware-based approaches for large scale and sensors' data processing.
- Distributed data collection and processing with embedded systems.
- Emerging information systems for data collection and processing.
- Distributed intelligence.
- Extracting knowledge from distributed information systems.
- Integration of heterogeneous data sources.
- Data collection, processing and dissemination on the cloud, on grid and cluster computers.
- Cloud/Grid computing.
- VLSI design, GPGPU and embedded systems.
- Lightweight languages and environments for embedded systems.

Paper Submission Guidelines
Authors should prepare full papers in English, 6 pages, in PDF format, following the IEEE-CS CPS style. The paper must be submitted and uploaded at https://www.easychair.org/conferences/?conf=ddcpd2012 Authors of accepted papers will be notified to the link to the author kit for the final manuscript. At least one of the authors must register as full participant and orally present the paper at the conference.

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