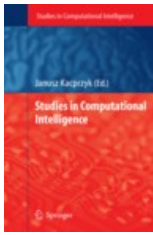


**Call for Book chapters:**



# **Information Retrieval and Mining in Distributed Environments<sup>(\*)</sup>**

**Alessandro Soro, Eloisa Vargiu, Giuliano Armano and Gavino Paddeu (eds.)**

To be published by **Springer Verlag** within the series **Studies for Computational Intelligence** (Series Ed.: Kacprzyk, Janusz, ISSN: 1860-949X).

WWW and P2P networks are evolving into vehicles of structured and heterogeneous contents: the goal of next generation information retrieval tools will be to support semantics, personalization, context awareness and seamless access to highly variable and distributed data and messages coming both from document repositories and ubiquitous sensors and devices. However, many challenges have still to be faced towards these goals. This book will review the state of the art in distributed information retrieval and data mining, and mark a direction for future research. Topics of interest include:

- Mobile and Ubiquitous Services and Applications
- Human Computer Interaction issues in Distributed IR
- WWW and P2P Personalization and Recommendation
- Distributed Information Filtering and Retrieval
- Query routing and result aggregation
- Sensor and Multimedia Mining
- Application specific algorithms (e.g. Geographic information retrieval)

Important dates:

<b>September 13<sup>th</sup>, 2009</b>	Expression of interest (2 pages abstract)
<b>October 13<sup>th</sup>, 2009</b>	Abstract approval notification
<b>January 15<sup>th</sup>, 2010</b>	Chapter proposals submission due
<b>March 1<sup>st</sup>, 2010</b>	Notification to authors
<b>April 1<sup>st</sup>, 2010</b>	Camera ready submission due

For any further information contact: **Alessandro Soro** (asoro@crs4.it), **Eloisa Vargiu** (vargiu@diee.unica.it)



(\*) Provisional title; the contributions to this book will be indexed by DBLP, Ulrichs, SCOPUS, MathSciNet, Current Mathematical Publications, Mathematical Reviews, Zentralblatt Math: MetaPress and Springerlink.