



**SARDEGNA  
RICERCHE**

# Intelligent Information Access

<http://iasc2.diee.unica.it/iia2008/>

**Cagliari, December 9-11, 2008**

*In memory of Fiorella de Rosi*



**dib** Dipartimento  
di Informatica  
Università degli Studi di Bari



## Call for Participation

**Intelligent Information Access** tries to overcome limitations of current search devices:

- by providing personalized information items and products/services recommendations. They usually take advantage of input coming directly or indirectly from users and, based on their needs, preferences and usage patterns, make easier the information search and decision processes
- by leveraging the search process from a lexical to a semantic level

**Information Filtering systems**, specifically **recommender systems**, have been revolutionizing the way information seekers find what they want, because they effectively prune large information spaces and help users in selecting items that best meet their needs and tastes. Recommender systems strongly rely on the use of various machine learning tools and algorithms for learning how to rank items or predict the user evaluation on items.

**Information Retrieval systems**, on the other hand, are also trying to address similar filtering and ranking problems for information items, such as links, pages, and documents. But they generally focus on the development of global retrieval techniques, often neglecting the individual needs and preferences of users.

This workshop has a mixed emphasis— researchers from leading companies will offer their vision of the future, while researchers from academia will focus on challenges and opportunities that lie ahead.

### Scientific Organizing Committee

Maurizio Agelli, CRS4, Italy  
Giuliano Armano, DIEE, University of Cagliari, Italy  
Giovanni Semeraro, DIB, University of Bari, Italy

### Location

Sardegna Ricerche, Scientific and Technological Park,  
Building 2 - Auditorium  
Loc. Piscinamanna, 09010 PULA (CA), Italy

**Participation is free of charge!**

Registration:

<http://iasc2.diee.unica.it/iia2008/index.php/registration/>

## Program

### Tuesday December 9

- h.12.00-13.00 Registration
- h.13.00-14.30 Lunch
- h.14.30-16.00 Invited Speaker  
**Giambattista Amati** (Fondaz. Ugo Bordoni)  
*"Contextual retrieval: the topical opinion retrieval case study"*
- h.16.00-16.30 Coffee break
- h.16.30-18.30 Invited Speaker  
**Alessandro Chessa** (Univ. of Cagliari)  
*"Complex Networks Analysis: a new 'intelligent' way to extract information from highly interacting systems"*

### Wednesday December 10

- h.9.00-10.30 Invited Speaker  
**Andreas Hotho** (Univ. of Kassel)  
*"Data Mining in Tagging Systems"*
- h.10.30-11.00 Coffee break
- h.11.00-13.00 Invited Speaker  
**Claudio Carpineto** (Fondaz. Ugo Bordoni)  
*"Web Clustering Engines: Issues, Systems, Problems, and New Directions"*
- h.13.00-14.30 Lunch
- h.14.30-16.00 Invited Speaker  
**Francesco Ricci** (Free Univ. of Bozen-Bolzano)  
*"Recommender Systems"*
- h.16.00-16.30 Coffee break
- h.16.30-18.00 Invited Speaker  
**Carlo Strapparava** (Fondaz. Bruno Kessler)  
*"Detection and generation of emotions in texts"*

### Thursday December 11

- h.9.00-10.30 Invited Speaker  
**Vittoria Colizza** (ISI)  
*"Epidemic spreading in complex environments"*
- h.10.30-11.00 Coffee break
- h.11.00-13.00 Invited Speaker (to be announced)
- h.13.00-14.30 Lunch
- h.14.30-16.00 Invited Speaker  
**Bettina Berendt** (KU Leuven)  
*"Users - enablers or hindrances of Intelligent Information Access?"*
- h.16.00-16.30 Coffee break
- h.16.30-18.00  
**Maria Teresa Pazienza** (Univ. of Roma "Tor Vergata")  
*"Ontological knowledge and linguistic information"*