

Seminario

18 giugno ore 11

ITTIG

Via Barucci 20 - FIRENZE

Sala Direzione piano 3

Speaker: Alfio Massimiliano Gliozzo (ISTC-CNR and Reinvent Technologies)

Title: From Information to Knowledge Retrieval

Abstract:

Ontologies are at the very heart of most advanced semantic technologies: search engines, intelligent systems, WEB 2.0 applications require large quantities of knowledge in any domain.

Such a big mass of data can be leveraged from very large text corpora by adopting our technology for text understanding, consisting on modelling semantic domains into syntagmatic and paradigmatic structures and representing them by means of a semiotically oriented formal model. Applications in word sense disambiguation, text categorization, relation extraction, entity categorization, multilingual knowledge acquisition and retrieval demonstrates a great value while minimizing any requirement for supervision.

About the Speaker: Alfio Massimiliano Gliozzo is research scientist at the Institute for Cognitive Sciences and Technology (ISTC-CNR, Rome, Italy) and senior researcher at Reinvent Technology Inc. (Vancouver, Canada). Most of his research work has been done in the area of semantic technologies, focalizing on the connections between computational linguistics and Information Retrieval, and includes the publication of more than forty scientific papers, editing of books, participation to several international research projects, organization of international conferences. His industrial work is mainly focalized in leading know how transfer from academy to industry. Currently, he is the scientific director of the EU project BONY and at the same time he leads a WEB scale knowledge retrieval project at Reinvent.