

AVVISO DI SEMINARIO

Biodiversity Informatics: Informing biomedical inquiries through the integration of biodiversity knowledge

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Abstract - Biodiversity informatics is an emerging discipline that strives to integrate biological information from a range of contemporary and historical sources across the spectrum of life using organisms as the linking thread. This presentation will begin with an introduction to the challenges of developing a 'taxonomic intelligent' framework for organizing biological information. The identification of organism information will then be discussed within two contexts: (1) from literature using named entity recognition methods; and (2) from molecular data using phylogenetic techniques. The presentation will conclude with an exploration of methods to integrate relevant biodiversity information for infectious disease studies and the biology of aging.

**Aula Seminari, Piano D,
Dipartimento di Informatica e Sistemistica
Martedì 16 Settembre 2008, ore 16,00**

I dottorandi e gli interessati sono cordialmente invitati.

L'organizzatore

Prof. Riccardo Bellazzi

Il coordinatore del dottorato

Prof. A. Buizza