PhD course proposal
Uso di STrumenti Informatici a supporto del Ricercatore (USTIR)

USTIR: USe of IT tools to support the Researcher

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Objective

To help doctoral students to be more effective and productive in their study and research work through a range of IT tools available and commonly used today.

Contents

Writing: Instruments for writing scientific products

How to use systems for editing scientific articles and bibliography (word and templates, latex, bibtex). How to use WYSIWYG editor and latex editor.

Collaborate: Tools for writing collaboration

How to collaborate with file exchange (dropbox, google drive), in writing documents (versioning, collaborative editing, ...) and in drafting maps (mindmap, ...)

Search for: Tools for systematic literature search and synthesis

What are the IT tools to search for articles and publications related to a certain topic in databases (scopus, google scholar, etc.). How to do systematic review – which tools to use, with what parameters, what expected results.

Organize: Tools for organizing literature

How to organize knowledge with mind mapping, how to organize literature (zotero, papers, mendely) in a distributed (cloud) and collaborative (in groups) way. How to handle references (jabref and similar)

Use of AI for research

Use of computer tools that employ artificial intelligence to support research.

Measuring: Research measuring instruments

How to measure the search (citations, h-index, IF, ...) and what tools can be used. Measurements and bibliometric indicators for ASN.

Promote: Tools for the promotion of one's own research

Promote your research activity (scholar, websites, google site, etc.)

Duration

The course will last 10 hours.