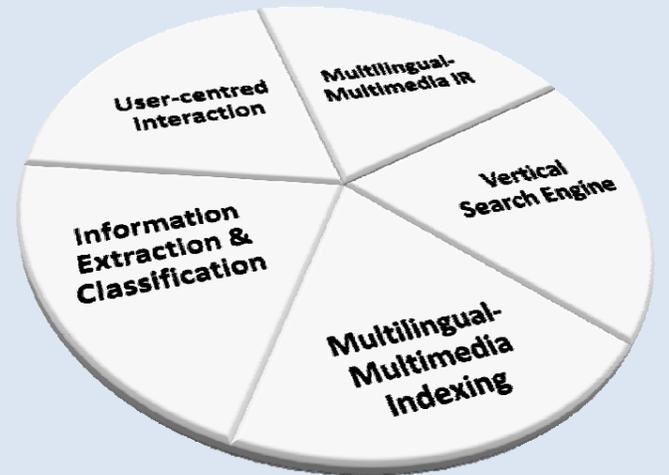


## Project Activities

- Identify relevant material via in-depth crawling of selected CH institutions
- Crawl the Internet to identify websites with CH information
- Automatically classify the results on the basis of occurrence of CH concepts
- Automatically extract relevant information which is used to create cross-links between related material
- Organise and further analyse the material crawled to serve focused queries generated from the users
- Interact with the user to obtain a more specific definition of initial information requirements
- Search results are organized and integrated allowing the users to access information regardless of language and media barriers

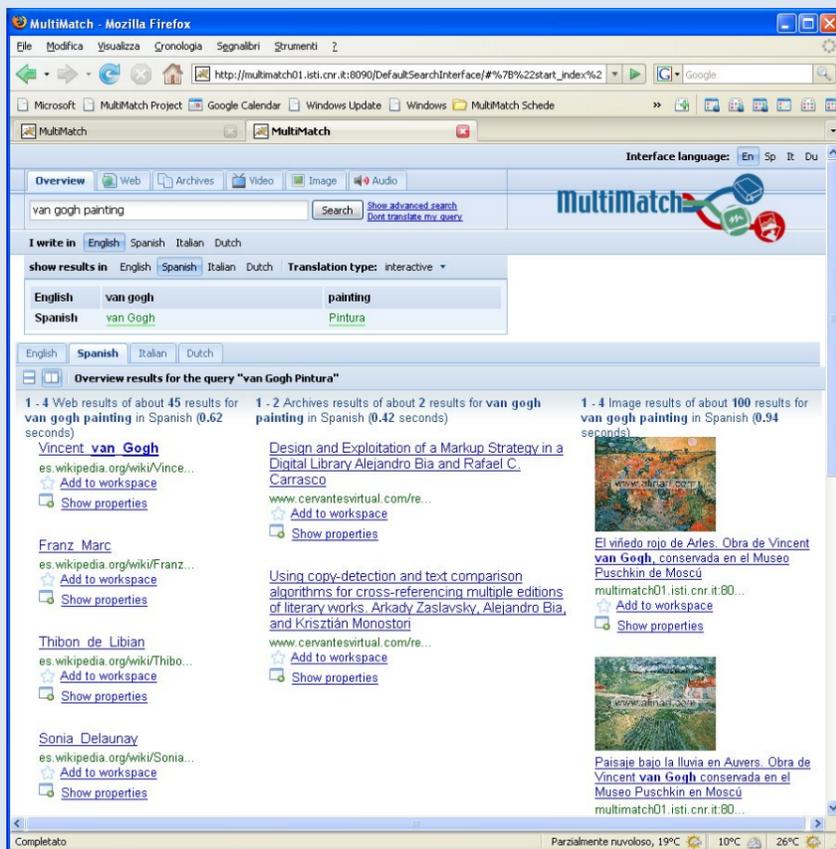
## Research Areas Involved



## Understanding User Requirements

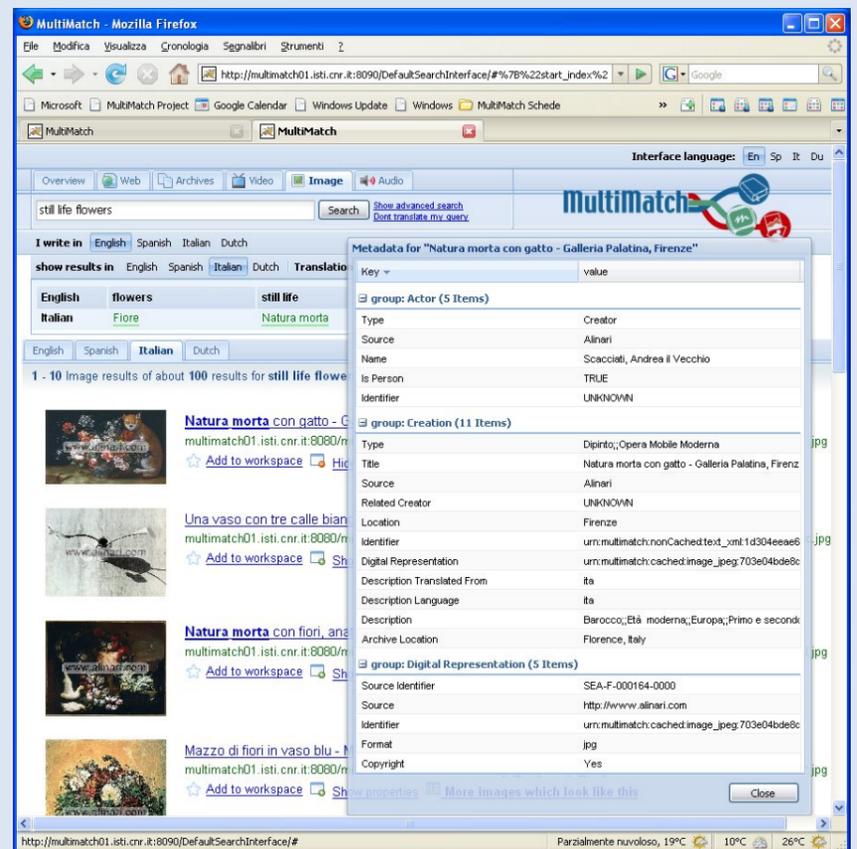
- CH Professionals do use the Internet as part of their daily work routine but they currently depend largely on generic search engines.
- They want to query using natural language and familiar Boolean operators.
- They would like full capabilities for multimedia retrieval (i.e. Images and video as well as text) but, in most cases, are only accustomed to executing text searches.
- Their main focus appears to be on **works of art** and their **creators**, with all associated information, such as critical reviews, information on related events, etc.
- They would find information filtering, clustering and aggregation functionalities very useful.
- They demand high precision of results and need to know the source and level of authority.
- They need to be able to save both queries and results for future processing and reuse.
- They tend to restrict their searches to their own language plus English, thus missing information only available in other languages.
- If multilingual search was available, they would like to have the results associated with descriptive snippets in their own language or English at least.

## System Retrieval Functionality



### Generic Search: English to Spanish

The system retrieves Spanish documents in all media relevant to the query "van Gogh" AND "painting".



### Specialized Search: English to Italian

The system retrieves all Italian images relevant to the query "still life" AND "flowers". Metadata for the first image are visualized.