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.