**Semantic Enrichment of Web Search Results at Real-Time**

**X-ENS in one sentence**
An exploratory search service that enhances at real-time the classical keyword-based web searching with semantic information, as a means to combine the pros of both Semantic Web standards and common Web Searching through an innovative and dynamic entity-based integration approach that is performed at query time.

**X-ENS features**
- Discovery of “entities of interest” in the snippets of the top search results
- Faceted search-like exploration of the results
- On-click semantic exploration of the Linked Data
- On demand semantic analysis of individual hits
- Bookmarklet (i.e. X-ENS during plain web searching for use in any web page)
- Fully configurable:
  - Specifying the underlying search system
  - Adding a new category of entities
  - Specifying the desired categories of entities
  - Specifying the underlying SPARQL endpoints and SPARQL queries
  - Storing a configuration

**The search process**
The entities are used as the “glue” for automatically connecting the documents with data and knowledge.

**Contact**
Pavlos Fafalios
Yannis Tzitzikas (coordinator)

http://www.ics.forth.gr/isl/X-Search