In a globalised society, Terminology dictionaries, including all kind of resources (knowledge and terminology databases, ontologies, wordnets, “traditional” dictionaries, ...), should respond to the human needs, but also machine needs.

The changes regarding information and language processing demanded by the evolution of society have consequences in the: (i) design of terminological resources; (ii) way of representing the data and knowledge; (iii) way the data are interrelated in the resource and between resources; (iv) way the users access to data; (v) the users expectations.

Some of the topics to be addressed include (this is a non-exhaustive list):

- Methods of creation and design of electronic dictionaries, their maintenance and updating: computational and/or linguistic aspects.
- Comparison between lexicographic and terminological dictionaries. Processing of terms in general electronic dictionaries.
- Similarities and differences between electronic dictionaries, lexical resources, conceptual networks, ontologies.
- Use of electronic dictionaries, search and query forms, user profiles.
- Description of dictionary entries (denomination, grammatical category, definition, equivalences, images) and the forms of connection between them (links, cross references).
- Representation and computational processing of terminological data, syntagmatic and paradigmatic relations, semantic relations between terms (hierarchies of concepts, networks, etc.) in electronic dictionaries.
- Integration of terminological resources in different devices or applications, or their connection with other systems (such as automatic translation).