

Language Engineering

The purpose of this seminar derives from the need to fill a gap in the teaching of subjects that are, generally speaking, on Language Engineering. On the one hand, when we talk about Engineering, then we talk about design, methodologies, techniques, systems, and components; on the other hand, when we talk about language then we talk about grammars, corpora, dictionaries, etc.

Usually, the teaching of these subjects often has a tendency, perhaps excessive, to one side or another. This seminar aims to provide a unified view of both sides, from the fundamentals to applications. The area of Linguistic Engineering is considered to be one of the areas where most research and development efforts will lie in the next few years, if we are to achieve the goal of having machines that really make our lives easier in a simple way.

The seminar is focused, in the first part, on the state of the art technologies, followed by a second part where we will explore in depth technologies that allow supporting applications on the market. For practical reasons, the practice work will be focused in word processing technologies.