

# **TIC-209 Intelligent Information Access Systems (SINAI)**

**Coordinator:** Dr. Luis Alfonso Ureña López (laurena [arroba] ujaen [punto] es)

The “Intelligent Information Access Systems (SINAI)” research group collaborates with businesses, associations and institutions, providing latest-generation solutions in natural language processing; recovery, processing and application of information; facilitating access to information by improving integration and social inclusion, etc.

## **Website for the group**

[Website for the Research Group on Intelligent Information Access \(SINAI\)](#)

## **Research lines**

- Fundamental research in natural language processing (NLP): Generation of language models, Application of machine learning techniques, Lexical Ambiguity Resolution
- Sentiment Analysis in Social Networks: Polarity and sentiment analysis, Emotion mining, Alert detection, Online reputation management
- Monolingual, Multilingual, Distributed and Multimodal Information Retrieval and Extraction: Entity Recognition, Negation Processing, Text Categorization, Question Answering, Virtual Assistants
- NLP applied to real problems in different domains: Biomedicine, Tourism, Education, Marketing, Safety, Mental Health

**Spanish website:** <http://bit.ly/2V3fAfT>