

## Projects

### Research Track - State of the Art

#### IDENTIFICATION

CODE : TC-4-S1-EC-SOA  
ECTS : 2.0

#### HOURS

Lectures : 0.0 h  
Seminars : 0.0 h  
Laboratory : 0.0 h  
Project : 0.0 h  
Teacher-student  
contact : 0.0 h  
Personal work : 20.0 h  
Total : 20.0 h

#### ASSESSMENT METHOD

Oral presentation to a jury formed  
by experienced researchers.  
Written report evaluated by an  
external reviewer.

#### TEACHING AIDS

Bibliographical references, to be  
defined with the adviser.

#### TEACHING LANGUAGE

English

#### CONTACT

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#### AIMS

Produce a scientific state of the art, from subject definition to communicating results.

#### KNOWLEDGE

- \* Bibliographic tools
- \* Scientific paper writing tools
- \* Functioning of a research team

#### SKILLS

- \* Read and summarize a research paper
- \* Read and analyze standards and patents
- \* Extract the scientific challenges on a given subject
- \* Present the state of the art on a research topic
- \* Write a scientific document

#### CONTENT

1. Define a list of important bibliographical references.
2. Read the selected documents and complete the reference list if needed.
3. Analyze the main scientific challenges of the selected topic.
4. Present the analysis produced above.
5. Write a survey of the selected topic.

All these tasks will be conducted under the supervision of a scientific advisor, while being integrated in a research team.

#### PRE-REQUISITE

3TC-PTIR