

# USEEN7 - Scientific Communication

## Présentation

### Prérequis

M1 courses or equivalent courses done in another institution.

### Objectifs pédagogiques

The aim of this course is to develop and improve the candidates' scientific writing, as well as increase their ability to deliver scientific and technical presentations in English.

### Compétences

Writing of scientific documents and oral presentation of scientific works.

## Programme

### Contenu

Principles of scientific writing and presentations are taught first and evaluated then including an oral presentation by the student and a short document to write on a precise matter in the area of computer networks and IoT systems.

### Topics :

- Evolution of technical-scientific writing and communication. Historical examples
- General topics on scientific technical English
- Writing a scientific paper (language; choice of the title; introduction; acknowledgements; main body; conclusions; bibliographic references; appendices; notes)
- Result visualization: tables and figures
- From the initial to the final draft (writing the first draft; reviewing the contents; reviewing the language; preparing the highlights of a paper, dealing with Referees/Supervisor comments and objections, interaction with Editor)
- Preparing and organizing a PhD Thesis. The bibliographic research. Ethics and plagiarism
- Refereeing scientific papers
- Planning an oral presentation: keeping an audience interested in your results
- Preparing and writing slides and posters

### Modalités de validation

- Mémoire
- Examen final

### Description des modalités de validation

Evaluation of the oral presentation and the scientific report.

### Bibliographie

Titre	Auteur(s)
A Scientific Approach to Scientific Writing	Blackwell & J. Martin, Springer, 2011
A Scientific Approach to Writing for Engineers and Scientists	R.E. Berger, Wiley, 2014
The Craft of Scientific Presentations: Critical Steps to Succeed and Critical Errors to Avoid	M. Alley, Springer, 2013

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**Code : USEEN7**

Unité spécifique de type cours

1 crédits

**Responsabilité nationale :**

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