

## 1. Scientific writing & Publication – research papers and thesis

---



### Course description

This course aims to transfer efficient individual skills in all the steps involved in scientific writing, from content development and organisation to publishing in ISI journals and presenting at conferences. The course is suitable for researchers, master and PhD students and all those required to publish their research findings but have none or little experience in translating research outputs into the commonly accepted publication tools. Here there is an exclusive opportunity to acquire in key techniques single source that enable the researcher at any level of the career to be independent and efficient in communicating science in the written and spoken formats. Particular is given on how to best meet the journal editors and reviewers demands. The teaching format includes classic classes with the additional support of exercises, simulations, videos and case studies.

### Objectives

At the end of the course the participants will be able to:

- Plan and develop research papers and thesis in the scientific format (IMRAD)
- Prepare papers for ISI journals
- Submit papers to ISI journals and effectively dialogue with journal editors and reviewers
- Develop and deliver oral and written communications at conferences.

## Target Audience

- Research students at the degree, master, PhD or other post graduate level including ERASMUS
- Company staff involved in research and required to publish their activity in the papers format or participate in scientific conferences,
- Particularly suitable for those with none or little experience in writing in science
- All those interested in acquiring baseline skills in writing and publishing research papers and participate in conferences.

## Contents

### **1. Scientific communication**

- Contextualisation of the scientific communication
- Techniques for an efficient scientific communication (dialogue in the research, academic and industry contexts)

### **2. Tools of the scientific communication: planning, writing and submitting for publication**

- Introduction to the scientific communication tools: research papers, conference communications and thesis.
- Tool planning according to the target audience
- Writing of research papers and thesis
  - content planning and organisation techniques
  - the Introduction, Methods, Results and Discussion sections (IMRAD)
  - organization and development of contents in the IMRAD structure
- Research papers submission and publication process
  - how to prepare the paper for submission to ISI journals
  - instructions for authors and its application in the paper
  - how to do online paper submissions
  - how to write journal editor and reviewers letters
  - how to communicate with the editor and reviewer
  - how to proof the research paper

### **3. Analysis of participants own work**

- Analysis exercises based on the participants thesis, papers and conference communications (consulting opportunity) or of given examples