How to Write and Publish a Research Paper

in Computer Science and Engineering

Ph.D. School in Computer Science and Engineering, University of Bologna
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Lecturer

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About the Course

This is an introductory level course suitable for junior Ph.D. students who are new to scientific publishing **in computer science and engineering**. The aim is to give practical advice on writing about research work and getting it published in today's competitive scientific world. The course will cover certain **key issues:**

- background on publishing (why, what, where, when, how, who, ethical concerns);
- paper structure and contents (title, author list, abstract, introduction, background, related work, methodology, validation, conclusions, acknowledgements, bibliography);
- writing (scientific style, presentation of results, document preparation tools, reproducibility, considerations for double-blind reviewing);
- publication process (submission, peer reviewing, conference rebuttal and discussions, journal revision and accompanying letter, post-print version, copyright).

Schedule & Attendance

The course is organized as 5 lectures for 12 hours in total. The lectures will be given in English and held **in person only** in the lecture rooms Ercolani 2 (E2) in Mura Anteo Zamboni 2B based on the following schedule:

- Lecture 1: 26/05/25 during 10-12:30
- Lecture 2: 06/06/25 during 10-12:30
- Lecture 3: 13/06/25 during 10-12:30
- Lecture 4: 25/06/25 during 10-12:30
- Lecture 5: 08/07/25 during 10-12:30

As this is meant to be a highly interactive course, **80% of attendance is obligatory** for obtaining the attendance certificate and the optional assessment.

Students who are on their period abroad, students based in the Cesena campus, and PNRR students working at a company may participate synchronously. No recordings will be made available. Please provide the necessary information during enrolment.

Optional Assessment

Students requiring an exam will be asked to put some advice into practice and get involved in drafting a short research paper and in its reviewing process in addition to their course attendance. This activity will be done interactively with the lecturer according to the following dates:

- Submission: 20/06
- Peer reviewing: 22-29/06
- Rebuttal: 30/06-02/07

Failure to adhere to the indicated deadlines will result in a failing grade for the assessment.

Enrolment

Please sign up for the course by April 30 via the sheet at https://shorturl.at/XsKPr Late enrolment requests will not be accepted. [Enrolment closed]