

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).

Organization

- 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, and Aula Bombelli (AB) in Piazza di Porta San Donato 5, based on the following schedule:
- Lecture 1: 28/05/24 during 14-16:30 (E2)
- Lecture 2: 11/06/24 during 10-12:30 (AB)
- Lecture 3: 17/06/24 during 10-12:30 (E2)
- Lecture 4: 25/06/24 during 15-17:30 (E2)
- Lecture 5: 09/07/24 during 15-17:30 (E2)

Attendance

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

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: 21/06
- Peer reviewing: 23-30/06
- Rebuttal: 01-03/07

Enrolment

Please sign up for the course by April 3 via the sheet at <https://shorturl.at/dnCLW>. Late enrolment requests will not be accepted.