

# Technical Writing and Speaking in English

## TDTP 7: Writing a Scientific Paper.

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**Exercise 1: Write a paper about MergeSort.** Imagine that you were John von Neumann in 1945, and you devised a new sorting algorithm. You created MergeSort, and how you want to publish your work at a general Computer Science conference.

For this task, you must follow the guidelines presented in previous classes (1 to 6). Your writing must:

- Be aware of the audience, purpose, and occasion
- Be well-balanced in terms of precision and clarity
- Avoid ambiguity
- Sustain energy
- Connect the ideas clearly and logically
- Present the content in familiar terms (“Beginning with the Familiar” class)
- Present the content in a well-organized way for the audience

Your paper must not exceed two pages, following the IEEE Conference Style Template<sup>1</sup>

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<sup>1</sup><https://www.overleaf.com/latex/templates/ieee-conference-template/grfzhnncsfqn>

After finishing the paper, you will give it to another student for review.

**Exercise 2: Reviewing a paper about MergeSort.** Receive a paper from one of the students and review it. Your review criteria must be the same items presented in the previous exercise. Identify the text regions where the criteria don't follow and try to give suggestions to improve the paper.