

Extended Abstract

The aim of the extended abstract is to present the project you have undertaken in a short research article. For further information regarding the format, see the course information.

- An extended abstract is a short research article where the project is presented in a concise way.
- The aim of an extended abstract is to share ideas and results in a way that is easily accessible to the reader, e.g. your peers and the course staff.
- The extended abstract should be understood in less than one hour.
- The extended abstract must include all relevant aspects and information expected in a regular research paper without being too detailed. A common disposition is to divide it into the sections (although this is not obligatory):
 - *Introduction*: The introduction usually contains a background and/or a motivation for the research including comparison to related research.
 - *Theory*: A description of the method including the relevant equations used to solve the problem.
 - *Experiments*: Description of the experiments made. Can be omitted for this project since the data is given *a priori*.
 - *Results*: Presentation of the result obtained. If possible, use descriptive figures or tables rather than explain in text. Do not discuss or interpret the results at this stage.
 - *Discussion*: Discuss the results. What conclusions can you draw? Put your results in perspective by comparing to other studies or generally accepted knowledge in the field. Criticise your own method and results, for example, with respect to the simplifications made.
- The extended abstract will be assessed with respect to the applied method and the correct use of it, the relevance of the introduced simplifications, the relevance of the introduction, results and discussion, the ability to clearly pass on the message, and the overall impression.
- Don't overlook the importance of the introduction, figures, examples, and conclusions (and measurements if applicable) in an extended abstract
- Some things that can be omitted from an extended abstract: future work, details of proofs or implementation that should seem plausible to reviewers, ramifications not relevant to the key ideas of the abstract.

Please note that you are free to arrange the material as you wish, and you can focus on a particular point that interests you, for example the mathematical theory or the physiological impact, as long as all aspects above are covered.

You can find more information regarding extended abstracts at the homepage under the link Advice to Authors of Extended Abstracts (<http://www.sigsoft.org/conferences/pughadvice.htm>).