

IF3211 Domain Specific Computation

Project Deliverables

a. Paper report

IEEE conference templates: <https://www.ieee.org/content/dam/ieee-org/ieee/web/org/conferences/Conference-template-A4.doc>

6 pages

1. Introduction: biology concept related, computing method related, state-of-the-art related works, research question, purpose/contribution
2. Method: computational method explanation, better if including a flowchart and the components used, link to program code
3. Result & Discussion: quantitative and qualitative result explanation, analysis of results in biology concept
4. Conclusions: explain how the research contributes (objectively), suggestion for future research
5. References

b. Project presentation: Video and Oral presentation

Demo Video Specifications

Objective: Students demonstrate the results of project development in the form of a video.

Requirements:

1. A brief explanation through presentation slides that at least include the background of the problem, method/algorithm, dataset, and analysis of test results
2. A short program demo showing the test results
3. Each group member must appear in the video
4. Maximum duration 10 minutes
5. Video uploaded to YouTube

Deliverables: YouTube video link (make sure the link is accessible).

Timeline

June 4, 2025 at 5 a.m. deadline for submission of report papers at Edunex.

June 4, 2025 at 7-9 a.m. presentations by several groups in class K01-03

June 11, 2025, at 23.59 submission deadline of presentation videos for groups that have not been presented in class. For groups that have presented, they can also submit presentation videos as additional points.