

EBMYL 525 - Guidelines for Research Project

The project in this class will provide you an opportunity to independently research a topic in the areas of computer graphics. The project grade will be based on:

- Technical quality of results 40%
- Report and final paper 40%
- Presentation 20%

Important Dates

- Topics Introduction: 17.10.2017
- Group Formation and Topic Selection: 24.10.2017
- Project Proposal: 7.11.2017
- Project Progress: 5.12.2017
- Project Final: 26.12.2017

Proposal

The proposal is a description of research plan describing the problem and sketching the general approach to be intended to take. The proposal should contain a detailed explanation of the:

- Justification of the project
- Activities and implementation timeline
- Methodology
- Human, material and financial resources required

Final Paper

The final project paper should look like a research paper. It should include the following items:

- Abstract
- Introduction (Motivations, problem description and/or literature survey)
- Proposed research / methodology
- Numerical applications / experiments
- Conclusions / discussions
- Appendices (if any)

Final paper must be prepared in ACM or IEEE style (preferably using Latex) and submitted in PDF with DOC or TEX file.

Templates and examples of ACM can be found at

<http://www.acm.org/sigs/pubs/proceed/template.html>.

Templates and examples of IEEE can be found at

<http://www.computer.org/portal/web/cscps/formatting>.

Final paper, source code and power point presentation must be submitted as a single ZIP or RAR file by email to engin.mendi@karatay.edu.tr. The compressed file should include following folders, each of which should contain corresponding part of submission:

- Paper
- Code
- Presentation

Well-worked projects may be suitable for publication in either conference or journal. Please keep this goal in mind as you develop and carry out your projects, and particularly as you prepare your final papers.

Presentation

The project presentations are scheduled in class as indicated in the “Important Dates” section. The presentation should have following structure:

- A brief introduction explaining the problem and the approaches taken
- A concise development of the technical content
- Conclusions

Each presentation will have 15~20 minutes, not including Q&A. Please prepare a power point presentation. You can use the computer in the classroom or bring your laptop for the presentation.

Progress Report

A 1~3 page project progress report is required at the start of class as indicated in the “Important Dates” section. Progress report should explain the progress you have made on the project so far. It should include following items:

- How much of the work is complete
- What part of the work is currently in progress
- What work remains to be done