

# ShanghaiTech University

## CS276: Computational Photography Fall 2020

### Final Project Requirements

**Group member number:** 3-4 students per group

#### Topic requirement

Optional:

1. Choose a project topic (must related to the lectures we discussed).
2. Choose a paper to reproduce (we will give a paper list, or you can propose one).

#### Big days

1. Click on the link below, and write down your group information (due date: **Nov. 20<sup>th</sup> 23:59 p.m.**)

<https://shimo.im/sheets/jdKKrtWKgHH6wjdx/MODOC/>

(Contain your group member names, topic or the paper you decide to reproduce)

2. Check if your group topic is approved (check date: **Nov. 22<sup>nd</sup> 23:59 p.m.**)
3. Final Presentation (date: **Week 16 Wednesday Dec. 23<sup>rd</sup> 6:00 p.m. – 9:00 p.m.**)
4. Final Report & Codes (date: **Week 18 Wednesday Jan. 6<sup>th</sup> 23:59 p.m.**)

#### Final Presentation Requirements

- 1) 15-20 minutes
- 2) Clear & unified notations
- 3) Intuitive & brief explanation of the formula
- 4) Convincing experiments & interpretable results

#### Final Report Requirements

1. Latex is required. Use the proper template (IEEE, CVPR, etc.). We also release a Latex template on Piazza. (cvpr2021AuthorKit.zip)
2. Must Contain these sections: Introduction, Related Work, Implementation (Method), Experiments, Conclusions.

##### If the topic is proposed by yourselves:

- 1) Clearly identify your contribution.
- 2) Formally introduce the idea.
- 3) Show the significant differences between yours and others in experiment section.

##### If the topic is reproducing a paper:

- 1) Show your understanding of the idea of the paper.
- 2) Show the insufficiencies of the method.
- 3) Show your consideration of how to improve the performance.