**AMLT ITMO 2022**

**Course project assignment:**

**You should make a review for one of the modern DL or ML papers from one of the Top ML 2021/2022 Conferences: NeurIPS / CVPR / ICML / ICLR / ICCV.**

1. Choose the paper from one of the 2021/2022 Top ML Conferences on the topic which you are interested in.

2.Carefully read it, look for the code of the model (e.g., from the paperswithcode.com)

3. Test the model on your custom data.

4. Present results of your review and testing in a form of

(i) a short report (3-5 pages), which should contain the following chapters:

- i**ntroduction** (what ideas authors have offered, why these ideas are new, what problems are they tried to solve);

- **model** brief overview of the model (architecture of neural network, overview of its modules, algorithm, pros and cons of the developed solution);

- **experimental results** on your own data (overview of the input data, overview of the output, analysis of the results obtained);

- **conclusion**

OR

(ii) in a form of presentation for ~7-8 minutes with the introduction as well, explanation of the model, experimental results description and conclusion.

You can choose the appropriate way to report your results - (i) or (ii).

Deadline for sending report (for those of you who will choose (i) is 15th October 2022.

The talks with CP defense for those of you who want to present results orally (ii) in a form of presentation will take place around 15-20th October online.