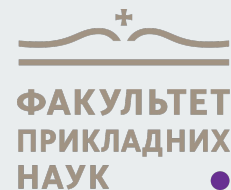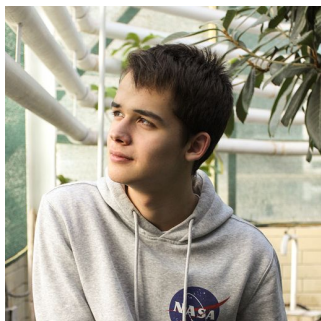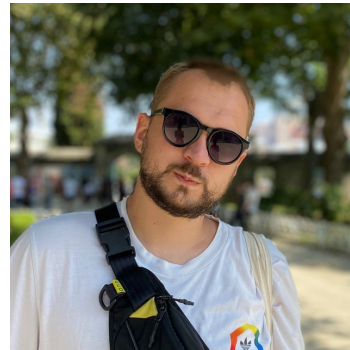# UCU Audio ML Course

Lecturers

Course structure and Rules

- 5 Modules:
    - 2-4 Lectures per module.
    - One BIGGGG Practical task per module.
- Each assignment:
    - Google form with basic theory questions.
    - The final field of Google form is for a link to the practical notebook submission.
    - The deadline is HARD!!! If you do not fit the deadline, you will get minimal score for the respective homework in case of "ideal" results.
    - Maximum score = 18, minimum = 11.
    - One student (group of students) can submit only one Google form.
    - If you experience any problems, contact lectors directly.
    - Defence of each assignment will be in a mixed setup: on practices and asynchronous.

Course structure and Rules

- As soon as we check homeworks, we will discuss and outline results:
    - Correct/best answers.
    - Main mistakes.
    - The best practical (notebook) solution.
- Course Assignment: a thoughtful paper review:
    - Pick a paper on appropriate (audio-related) topic and **confirm with Volodymyr!**
    - We will pick deadline for it a bit later.
    - Check evaluation criteria here.
    - Should be done alone, NOT in a group.
- Groups:
    - You can merge into groups for assignments, BUT each group must include students from both universities and have a maximum of three members. For example, 2 KPI and 1 UCU, or 2 UCU and 1 KPI, or 1 UCU and 1 KPI students. **Confirm your groups with Volodymyr!**
    - You can proceed alone✨

Tools

- Communication in Slack. **Slack will erase messages after 3 months. Make sure to dump long term information elsewhere.**
- It is the only presentation. All other materials will be in form of Jupyter Notebooks. All the materials are available on: https://github.com/VSydorskyy/ucu_audio_processing_course .
- Lectures in Zoom.
- Homework can be submitted through:
    - GitHub;
    - Kaggle Notebook;
    - Google Colab.

Evaluation and Outcome

- The main outcomes are:
    - Make you interested in Audio and Research.
    - Give you a new knowledge.
    - Build a community.
- Homework will be evaluated:
    - Table:
      https://docs.google.com/spreadsheets/d/1wrZ1egEP440ikFIJORic1h3Oi6smnk7X-Dfv52MLEoQ/edit?usp=sharing
    - You can get additional points by:
        - Participating in Audio/Signal-related Kaggle (and other platforms) competitions. BUT discuss your participation in any competition with lecturers in advance.
        - Completing "Hard" TODOs.
        - Contributing to lecture materials.

Zoom Link

https://us02web.zoom.us/j/86064779845?pwd=EMf6pQzRZPg4GCLN034da6D4ThzJYP.1

Meeting ID: 860 6477 9845

Passcode: 263255