

Team meeting report

03/04/2019

Writer: Patricia Colbère

Progress of everyone

Anwar: tried some different ways to improve the ML algorithm, including one from the thesis and one from OpenCV that can't be modified

Suleyman: problem in CMake solved, but new problems in Visual Studio for CUDA.

Geoffroy and Patricia: GUI is now being implemented with windows form and a library cvui that enhances OpenCV.

Patricia: Used cvui to have 2 windows: one for the buttons corresponding to the keyboard input and one for the image. Most of the buttons are working.

Geoffroy: Get the input from the user in a form instead of a cmd. The files can be browsed and the folders too, but not yet the multiple images input.

Work to be done before the next meeting

Suleyman: Because it is late, it would be better to work with Anwar on improving the ML or changing it.

Anwar and Suleyman: choose one direction for the ML algorithm and work on it together. Finish implementing the arc detection. But one method, you need to select manually many bubbles to teach the algorithm which takes too long for the time we have. So they will focus on image enhancement, then they will work on the arc detection if there is enough time left.

Patricia: Uses cvui to have the GUI to interact with the image rather than the key inputs. Adding sliders to change the image. Need to remove the border of the window.

Geoffroy: Uses windows form to get the input of the user instead of the cmd input.

Preparation for the report

Presentation of the contents of the report, in Overleaf