

## Supervisor assessment of Master's Thesis

**Student:** Pacura Dávid, Bc.

**Title:** Hardware Accelerated Digital Image Stabilization in a Video Stream (id 18562)

**Supervisor:** Dražanský Martin, doc. Ing., Dipl.-Ing., Ph.D., UITS FIT VUT

### 1. Assignment comments

This assignment is more difficult, because Mr. Pacura had to study not only principles of digital image stabilization, but functionality of GPUs as well. All points from this assignment were fulfilled.

### 2. Literature usage

Mr. Pacura was very active and found all literature sources by his own activity. He used the recommended publications by the supervisor. The use of all publications in his technical report is adequate to content of this work.

### 3. Assignment activity, consultation, communication

Student consulted the complete solution regularly. He was always well prepared and came on the arranged meetings. His activity was extraordinary.

### 4. Assignment finalisation

The complete work was finished in advance. The final technical report was consulted in advance as well. The application was implemented and tested many weeks before the final deadline.

### 5. Publications, awards

This work was published at the student's conference Excel@FIT and Mr. Pacura submitted a paper to the International Journal of Software Engineering and Its Applications (SERSC, indexed by SCOPUS). This paper was accepted and will be published soon.

### 6. Total assessment

**excellent (A)**

The assignment of this work was difficult, student was very active and implemented and tested the application many weeks before the final deadline. The final technical report was consulted in advance, whereas the results were published at Excel@FIT and will be published in IJSEIA soon. Therefore I recommend the final assessment with the grade *excellent* (A).

In Brno 6. June 2016

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signature