

## Scientific workshop "Big Data Analytics" - Meeting #5769

### Scientific seminar 2021-05-25 Thesis Presentations

2021-05-25 17:15 - Evgeniy Pavlovskiy

<b>Status:</b>	Closed	<b>Start date:</b>	2021-05-25
<b>Priority:</b>	Middle (Средний)	<b>Due date:</b>	2021-05-25
<b>Assignee:</b>	Evgeniy Pavlovskiy	<b>% Done:</b>	100%
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Time:</b>	16:20 - 17:55	<b>Participants (Wiki):</b>	
<b>Place:</b>	<a href="https://us02web.zoom.us/j/84661660578?pwd=MHg0OXliZTRQV2xNZWJTVUx6QjM5UT09#success">https://us02web.zoom.us/j/84661660578?pwd=MHg0OXliZTRQV2xNZWJTVUx6QjM5UT09#success</a>	<b>Participants:</b>	

#### Description

## 1. Plan change

Postponed to uncertain date:

- **Mikhail Liz.** Thesis: Quantitative processing of scanning probe microscopy image with deep learning techniques.
- **Alix Bernard.** Thesis: Enhancement of Turbulence Models by Machine Learning Techniques.

## 2. Thesis presentations

16:26-16:43 **Khue Luu.** Thesis (1st year): Сегментаций опухолей мозга на основе 3D-Unet / Brain Tumor Segmentation with 3D-UNet. [presentation](#)

Questions:

- Evgeniy: note, that research plan is good

16:45-16:54 **Watana Pongsapas.** Galaxy detection and identification using deep learning and data augmentation link: <https://www.sciencedirect.com/science/article/abs/pii/S2213133718300325>, reproducible: <https://github.com/astroCV/astroCV>. [presentation](#)

Questions:

- Andrey: what is scientific novelty?
- Evgeniy: what was the hardest part in reproduction?

16:55-17:11 **Alexey Korolev.** Thesis: Generalized zero-shot learning for intent classification and slot filling. [presentation](#)

Questions:

- Evgeniy: do you have comparison with SOTA?

17:12-17:25 **Rishab Tiwari.** Thesis: Online tool for linguistic and sociolinguistic studies accessing open online resources / Онлайн инструмент для проведения лингвистического и социолингвистического исследования с привлечением открытых онлайн ресурсов. (Moved from 11 May) [presentation](#)

17:25-17:35 **Rishab Tiwari.** Reproducibility report finalization. [presentation](#)

17:36-17:40 **Vasilij Baranov.** Thesis: Classification of COVID-19 in Computed Tomography using Deep Neural Networks. [presentation](#)

Recorded video: <https://www.youtube.com/watch?v=wxhXaMxYLYk>

## 3. Pass and credits

photo\_2021-05-25\_20-34-51.jpg

#### History

#1 - 2021-05-25 17:15 - Evgeniy Pavlovskiy

- File *Brain\_Tumor\_Segmentation\_with\_3D\_Unet\_Khue.pdf* added

**#2 - 2021-05-25 17:18 - Evgeniy Pavlovskiy**

- File Resnest.pdf added
- Description updated

**#3 - 2021-05-25 18:34 - Evgeniy Pavlovskiy**

- Description updated

**#4 - 2021-05-25 19:11 - Evgeniy Pavlovskiy**

- File master Thesis.pdf added
- File 25.05.2021 AS\_Watana Pongsapas.pdf added
- File thesis\_Korolev.pdf added
- File VBaranov\_Thesis\_Presentation (2).pdf added

**#5 - 2021-05-25 19:12 - Evgeniy Pavlovskiy**

- Description updated
- Status changed from New to Resolved
- % Done changed from 0 to 80

**#6 - 2021-05-25 19:12 - Evgeniy Pavlovskiy**

- Status changed from Resolved to Closed
- % Done changed from 80 to 100

**#7 - 2021-05-25 19:29 - Evgeniy Pavlovskiy**

- File photo\_2021-05-25\_20-34-51.jpg added
- Description updated

**Files**

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Brain_Tumor_Segmentation_with_3D_Unet_Khue.pdf	663 KB	2021-05-25	Evgeniy Pavlovskiy
Resnest.pdf	1.31 MB	2021-05-25	Evgeniy Pavlovskiy
master Thesis.pdf	500 KB	2021-05-25	Evgeniy Pavlovskiy
25.05.2021 AS_Watana Pongsapas.pdf	621 KB	2021-05-25	Evgeniy Pavlovskiy
thesis_Korolev.pdf	1.69 MB	2021-05-25	Evgeniy Pavlovskiy
VBaranov_Thesis_Presentation (2).pdf	1.52 MB	2021-05-25	Evgeniy Pavlovskiy
photo_2021-05-25_20-34-51.jpg	217 KB	2021-05-25	Evgeniy Pavlovskiy