

Scientific workshop "Big Data Analytics" - Meeting #5774

Scientific seminar 2021-03-23 Papers Presentations

2021-05-25 18:59 - Evgeniy Pavlovskiy

Status:	New	Start date:	2021-03-23
Priority:	Middle (Средний)	Due date:	2021-03-23
Assignee:	Evgeniy Pavlovskiy	% Done:	0%
Target version:		Spent time:	0.00 hour
Time:	16:29 - 18:05	Participants (Wiki):	
Place:	https://us02web.zoom.us/j/84661660578?pwd=MHg0OXliZTRQV2xNZWJTVUx6QjM5UT09#success	Participants:	

Description

1. Plan change

Moved to 13 April:

- **Vladislav Panferov.** Master thesis: Recognition of Rocks Lithology on the Images of Core Samples

Moved to 30 March:

- **Alexander Rusnak.** Report from previous time about the paper results reproducibility.

Postponed to uncertain date:

- **Alexander Donets.** Thesis: Automated thesaurus enrichment for the Russian Language using self-supervised deep learning approach.
- **Alexander Donets.** FLAIR: An Easy-to-Use Framework for State-of-the-Art NLP link: <https://www.aclweb.org/anthology/N19-4010/>, reproducible: <https://github.com/flairNLP/flair>.
- **Vasiliy Baranov.** Thesis: Classification of COVID-19 in Computed Tomography using Deep Neural Networks. (Moved to 25 May)

2. Papers & thesis presenting

1 16:22-16:42 **Walid Koliai.** End to End Learning for Self-Driving Cars link: <https://arxiv.org/abs/1604.07316>, reproducible: <https://github.com/SullyChen/Autopilot-TensorFlow>. [Presentation](#)

2 16:42-17:03 **Vigilio Espina.** Developing a dengue forecast model using machine learning: A case study in China link: shorturl.at/lwEFT. [Presentation](#)

3 17:04-17:15 **Sergey Berezin.** Big Bird: Transformers for Longer Sequences link: <https://arxiv.org/abs/2007.14062v2>, reproducible: <https://github.com/google-research/bigbird>. [Presentation](#)

4 17:15-17:42 **Kozinets Roman.** YOLOv4: Optimal Speed and Accuracy of Object Detection link: <https://arxiv.org/pdf/2004.10934.pdf>. [Presentation](#)

5 17:42-18:00 **Vasiliy Baranov.** PointNet: Deep Learning on Point Sets for 3D Classification and Segmentation link: <https://arxiv.org/pdf/1612.00593v2.pdf>, reproducible: <https://github.com/charlesq34/pointnet>. (Moved from 2 March) [Presentation](#)

6 18:00-18:05 **Alix Bernard.** Report from previous time about the paper results reproducibility. (Moved from 16 March) [Presentation](#)

Recorded video: <https://www.youtube.com/watch?v=SQ-kzJ9R18U>