

Scientific workshop "Big Data Analytics" - Meeting #5532

Scientific seminar 2021-03-16 Papers Presentations

2021-03-16 17:18 - Evgeniy Pavlovskiy

Status:	Closed	Start date:	2021-03-16
Priority:	Middle (Средний)	Due date:	2021-03-16
Assignee:	Evgeniy Pavlovskiy	% Done:	100%
Target version:		Spent time:	0.00 hour
Time:	16:29 - 18:10	Participants (Wiki):	
Place:	https://us02web.zoom.us/j/84661660578?pwd=MHg0OXliZTRQV2xNZWJTVUx6QjM5UT09#success	Participants:	

Description

1. Papers & thesis presenting

- 1 16:32 - 16:49 **Maxim Kochanov**. Image-to-Image Translation with Conditional Adversarial Networks link: <https://arxiv.org/pdf/1611.07004.pdf>, reproducible: <https://github.com/junyanz/pytorch-CycleGAN-and-pix2pix>. [Presentation](#)
- 2 16:49 - 17:06 **Rohan Rathore**. **Thesis**: Explorative Study of Explainable Artificial Intelligence Techniquet for Sentiment Analysis Applied for English Language. [Presentation](#)
- 3 17:06 - 17:16 **Alix Bernard**. Gradient Centralization: A New Optimization Technique for Deep Neural Networks link: <https://arxiv.org/pdf/2004.01461v2.pdf>, reproducible: <https://github.com/Yonghongwei/Gradient-Centralization> [Presentation](#)
- 4 17:16 - 17:37 **Virgilio Espina**. **Thesis (coursework)**: Application of Artificial Intelligence in Predicting Dengue Outbreak in the Philippines. [Presentation](#)
- 5 17:38 - 17:53 **Sergey Pnev**. TransUNet: Transformers Make Strong Encoders for Medical Image Segmentation link: <https://arxiv.org/pdf/2102.04306v1.pdf>, reproducible: <https://github.com/Beckschen/TransUNet>. [Presentation](#)
- 6 17:53 - 18:10 **Vladislav Panferov**. ScispaCy: Fast and Robust Models for Biomedical Natural Language Processing link: <https://arxiv.org/abs/1902.07669>, reproducible: <https://github.com/allenai/scispaCy> [Presentation](#)

Alexander Rusnak reproducibility report moved to next time, as wel as Vladislav's report ending.

Recorded video: <https://www.youtube.com/watch?v=yrlB2vXxDw>

History

#1 - 2021-03-16 17:18 - Evgeniy Pavlovskiy

- File *gradient_centralization_presentation.pdf* added

#2 - 2021-03-16 17:21 - Evgeniy Pavlovskiy

- File *Image_to_Image_Translation_with_Conditional_Adversarial_Networks.pptx* added

- Description updated

#3 - 2021-03-16 17:22 - Evgeniy Pavlovskiy

- File *Application_of_Artificial_Intelligence_in_Predicting_Dengue_Outbreak (3).pptx* added

- Description updated

#4 - 2021-03-16 17:29 - Evgeniy Pavlovskiy

- File *Rohan_Thesis_Presentation (2).pdf* added

- Description updated

#5 - 2021-03-16 18:49 - Evgeniy Pavlovskiy

- File *Panferov_AS_ScispaCy.pdf* added

- Description updated

#6 - 2021-03-16 18:56 - Evgeniy Pavlovskiy

- Description updated

#7 - 2021-03-17 11:03 - Evgeniy Pavlovskiy

- File TransUNet.pdf added

- Description updated

#8 - 2021-03-17 11:21 - Evgeniy Pavlovskiy

- Status changed from New to Resolved

- % Done changed from 0 to 80

#9 - 2021-03-17 11:21 - Evgeniy Pavlovskiy

- Status changed from Resolved to Closed

- % Done changed from 80 to 100

#10 - 2021-03-17 11:22 - Evgeniy Pavlovskiy

- Description updated

#11 - 2021-03-17 11:50 - Evgeniy Pavlovskiy

- Copied to Meeting #5536: Scientific seminar 2021-03-09 Papers Presentations & Hackathon Announcement added

#12 - 2021-03-17 11:51 - Evgeniy Pavlovskiy

- Copied to deleted (Meeting #5536: Scientific seminar 2021-03-09 Papers Presentations & Hackathon Announcement)

Files

gradient_centralization_presentation.pdf	648 KB	2021-03-16	Evgeniy Pavlovskiy
Image_to_Image_Translation_with_Conditional_Adversarial_Networks.pdf	92 MB	2021-03-16	Evgeniy Pavlovskiy
Application_of_Artificial_Intelligence_in_Predicting_Dengue_Outbreaks.pdf	31 MB	2021-03-16	Evgeniy Pavlovskiy
Rohan_Thesis_Presentation (2).pdf	477 KB	2021-03-16	Evgeniy Pavlovskiy
Panferov__AS__ScispaCy.pdf	472 KB	2021-03-16	Evgeniy Pavlovskiy
TransUNet.pdf	485 KB	2021-03-17	Evgeniy Pavlovskiy