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## PAPER LIST

### April 8: Training Deep Neural Networks

[The Lottery Ticket Hypothesis: Finding Sparse, Trainable Neural Networks](#)

Jonathan Frankle, Michael Carbin. ICLR 2019.

### April 15: Convolutional Neural Networks

[Panoptic Feature Pyramid Networks](#)

Alexander Kirillov, Ross Girshick, Kaiming He, Piotr Dollár. CVPR 2019.

### April 22: Understanding and Visualizing CNNs

[A Tour of Convolutional Networks Guided by Linear Interpreters](#)

Pablo Navarrete Micheli, Hanwen Liu, Yunhua Lu, Xingqun Jiang. ICCV 2019.

### April 29: Recurrent Neural Networks

[Mogrifier LSTM](#)

Gábor Melis, Tom Koisk, Phil Blunsom. ICLR 2020.

### May 13: Attention and Memory

[Reformer: The Efficient Transformer](#)

Nikita Kitaev, Lukasz Kaiser, Anselm Levskaya. ICLR 2020.

### May 20 6: Autoencoders and Autoregressive Models

[Scaling Autoregressive Video Models](#)

Dirk Weissenborn, Oscar Tckstrm, Jakob Uszkoreit. ICLR 2020.

### May 27: Generative Adversarial Networks

[Analyzing and Improving the Image Quality of StyleGAN](#)

Tero Karras, Samuli Laine, Miika Aittala, Janne Hellsten, Jaakko Lehtinen and Timo Aila. Preprint, 2019.

[Controllable Text-to-Image Generation](#)

Bowen Li, Xiaojuan Qi, Thomas Lukasiewicz, Philip Torr. NeurIPS 2019.

### June 3: Variational Autoencoders

[From Variational to Deterministic Autoencoders](#)

Partha Ghosh, Mehdi S. M. Sajjadi, Antonio Vergari, Michael Black, Bernhard Scholkopf. ICLR 2020.

[Data-Efficient Image Recognition with Contrastive Predictive Coding](#)

Olivier J Henaff, Aravind Srinivas, Jeffrey De Fauw, Ali Razavi, Carl Doersch, S. M. Ali Eslami, Aaron van den Oord. Preprint 2019.