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## PAPER LIST

### March 6: Autoregressive Models

[NUWA-Infinity: Autoregressive over Autoregressive Generation for Infinite Visual Synthesis](#)

Jian Liang, Chenfei Wu, Xiaowei Hu, Zhe Gan, Jianfeng Wang, Lijuan Wang, Zicheng Liu, Yuejian Fang<sup>1</sup>, Nan Duan. NeurIPS 2022.

### March 13: Normalizing Flow Models

[Normalizing Flows for Human Pose Anomaly Detection](#)

Or Hirschorn, Shai Avidan. ICCV 2023.

### March 20: Variational Autoencoders

[Phenaki: Variable Length Video Generation from Open Domain Textual Descriptions](#)

Ruben Villegas, Mohammad Babaeizadeh, Pieter-Jan Kindermans, Hernan Moraldo, Han Zhang, Mohammad Taghi Saffar, Santiago Castro, Julius Kunze, Dumitru Erhan. ICLR 2023.

### March 27: Generative Adversarial Networks

[AudioGen: Textually Guided Audio Generation](#)

Felix Kreuk, Gabriel Synnaeve, Adam Polyak, Uriel Singer, Alexandre Dfoussez, Jade Copet, Devi Parikh, Yaniv Taigman, Yossi Adi. ICLR 2023.

### April 3: Diffusion Models

[Würstchen: An Efficient Architecture for Large-Scale Text-to-Image Diffusion Models](#)

Pablo Pernias, Dominic Rampas, Mats Leon Richter, Christopher Pal, Marc Aubreville. ICLR 2024.

**April 10: *No Classes - Ramadan Holiday***

**April 17: *No Classes - Spring Break***

**April 24: *No Paper Presentations***

**May 1: *May Day***

### May 8: Self-Supervised Learning

[Is ImageNet worth 1 video? Learning strong image encoders from 1 long unlabelled video](#)

Shashanka Venkataramanan, Mamshad Nayeem Rizve, Joao Carreira, Yuki M Asano, Yannis Avrithis. ICLR 2024.

### May 15: Pre-training Language Models

[Visual Instruction Tuning](#)

Haotian Liu, Chunyuan Li, Qingyang Wu, Yong Jae Lee. NeurIPS 2023.

**May 22: *Project Presentations***