# 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 Fang1, 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 Dfossez, 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 2021.

**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*