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## PAPER LIST

### March 5: Autoregressive Models

[Autoregressive Image Generation with Randomized Parallel Decoding](#)

Haopeng Li, Jinyue Yang, Guoqi Li, Huan Wang. ICLR 2026

<https://github.com/hp-133/ARPG>

### March 12: Normalizing Flow Models

[Normalizing Flows are Capable Generative Models](#)

Shuangfei Zhai, Ruixiang ZHANG, Preetum Nakkiran, David Berthelot, Jiatao Gu, Huangjie Zheng, Tianrong Chen, Miguel ngel Bautista, Navdeep Jaitly, Joshua M. Susskind. ICML 2025.

<https://github.com/apple/ml-tarflow>

### March 19: *No Classes - Spring Break*

### March 26: Latent Variable Models

[Hyperspherical Latents Improve Continuous-Token Autoregressive Generation](#)

Guolin Ke, Hui Xue. ICLR 2026.

<https://github.com/guolinke/SphereAR>

### April 2: Generative Adversarial Networks I

[Style Quantization for Data-Efficient GAN Training](#)

Jian Wang, Xin Lan, Jizhe Zhou, Yuxin Tian, Jiancheng Lv. CVPR 2025.

### April 9: Generative Adversarial Networks II

[CGS-GAN: 3D Consistent Gaussian Splatting GANs for High Resolution Human Head Synthesis](#)

Florian Barthel, Wieland Morgenstern, Paul Hinzer, Anna Hilsmann, Peter Eisert. NeurIPS 2025.

<https://github.com/fraunhoferhhi/cgs-gan>

### April 16: Diffusion Models I

[Back to Basics: Let Denoising Generative Models Denoise](#)

Tianhong Li, Kaiming He. ArXiv preprint arXiv:2511.13720, 2025.

<https://github.com/LTH14/JiT>

### Apr 21: Diffusion Models II

[Diffusion Transformers with Representation Autoencoders](#)

Boyang Zheng, Nanye Mam Shengbang Tong, Saining Xie. ArXiv preprint arXiv:2510.11690, 2025.

<https://github.com/bytetriper/RAE>

### April 30: *Project Progress Presentations*

### May 7: Strengths and Weaknesses of Current Generative Models

[Generative Adversarial Diffusion](#)

U-Chae Jun, Jaeeun Ko, Jiwoo Kang. ICCV 2025.

<https://github.com/u-chaee/gad>

**May 14: Video Generation**

[From Slow Bidirectional to Fast Autoregressive Video Diffusion Models](#)

Tianwei Yin, Qiang Zhang, Richard Zhang, William T. Freeman, Fredo Durand, Eli Shechtman, Xun Huang.  
CVPR 2025.

<https://github.com/tianweiy/CausVid>

**May 21: Self-Supervised Learning**

[Rethinking JEPA: ComputeEfficient Video Self-Supervised Learning with Frozen Teachers](#)

Xianhang Li, Chen Huang, Chun-Liang Li, Eran Malach, Joshua M. Susskind, Vimal Thilak, Etai Littwin.  
ICLR 2026.