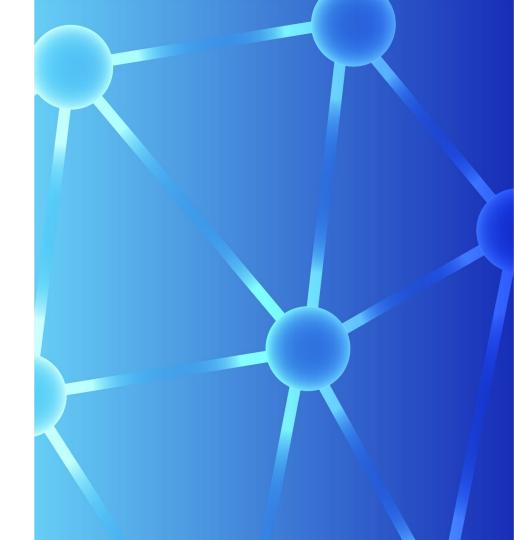
### CVPR 2025 Tutorial: Efficient Text-to-Image/Video Modeling

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#### Compression

More compact latent spaces → more efficient generation

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#### **Structured representations**

Latent representation design that enables efficient modeling

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#### Structured representations

Latent representation design that enables efficient modeling

#### **Data sparsity**

Generative models designed for data-sparse settings

### Agenda

Part I - Compression (15 min)

Factorized latent representations for video

Part II - Structured representations (15 min)

Multiscale image generation with autoregressive models

Part Ⅲ - Data sparsity (< 10 min)

Diffusion models from a single 3D shape