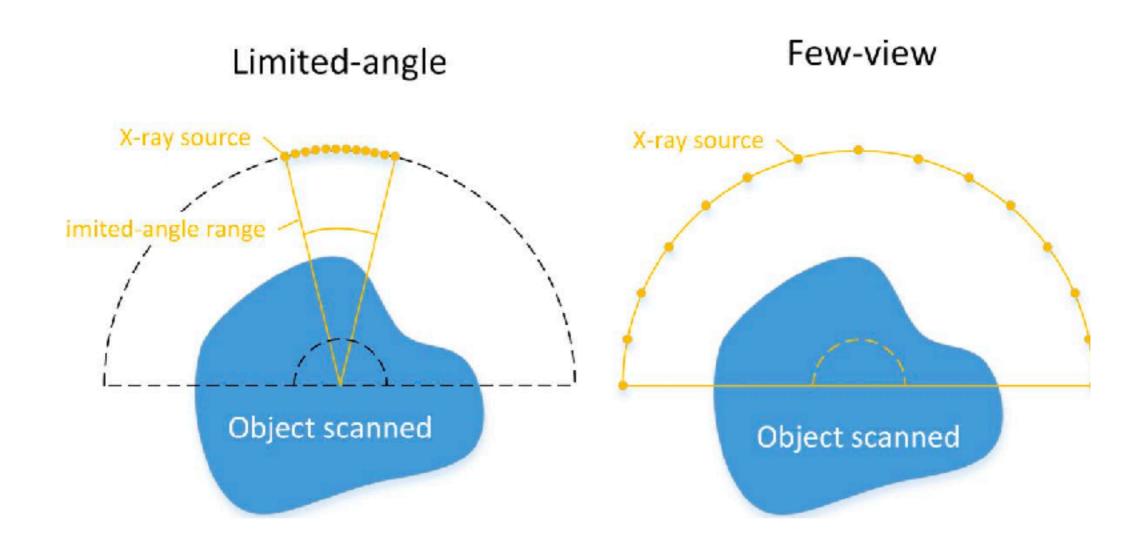
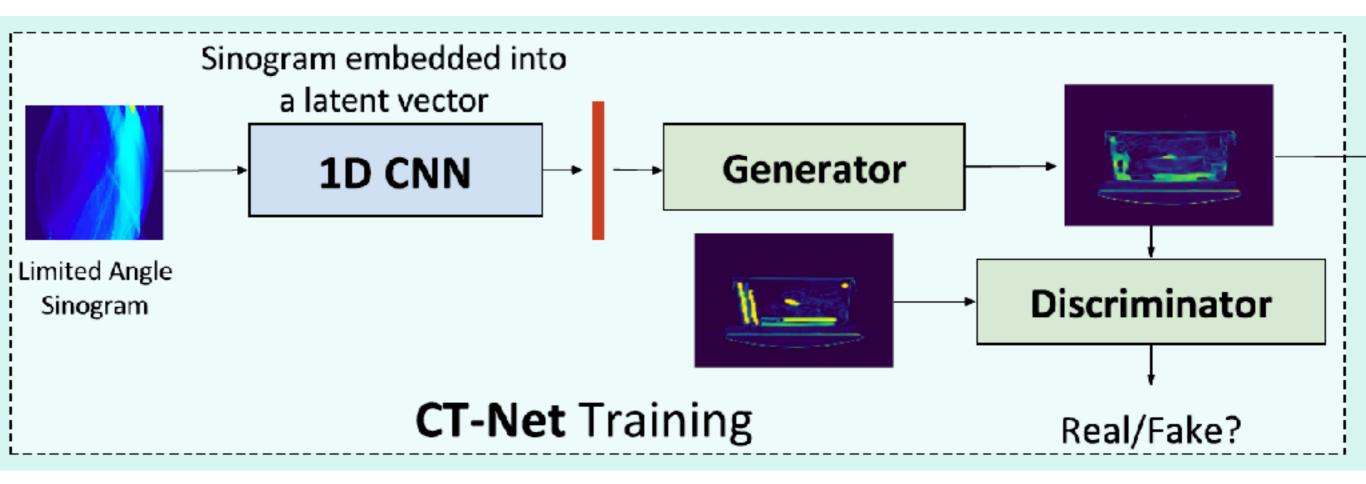
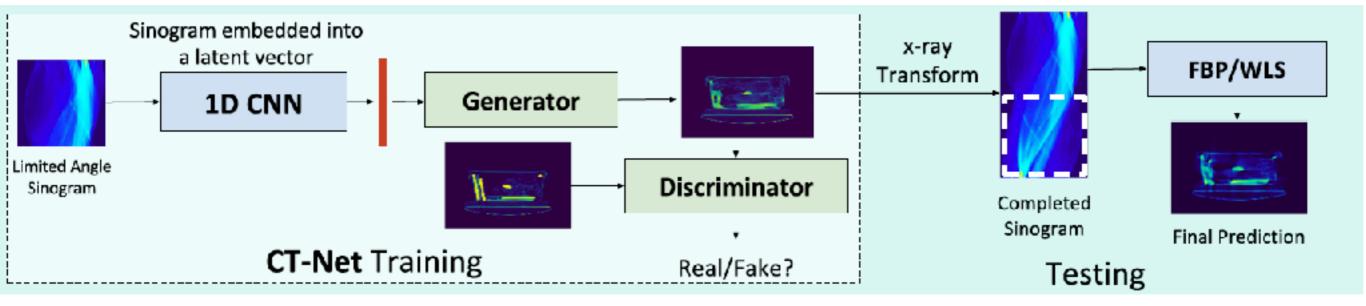
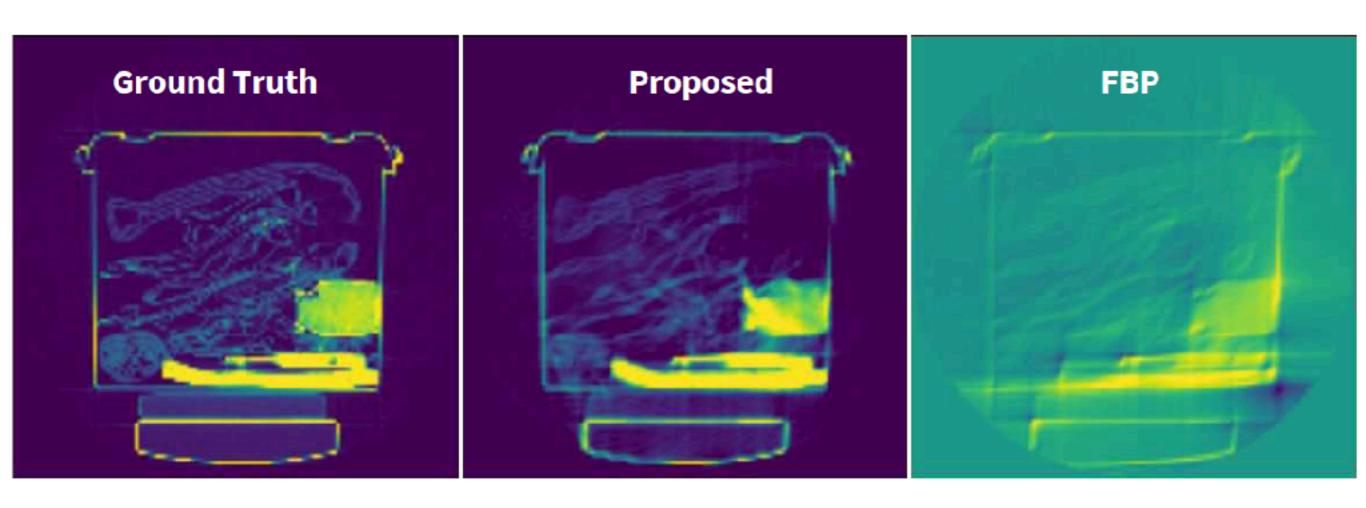
Lose The Views: Limited Angle CT Reconstruction via Implicit Sinogram Completion

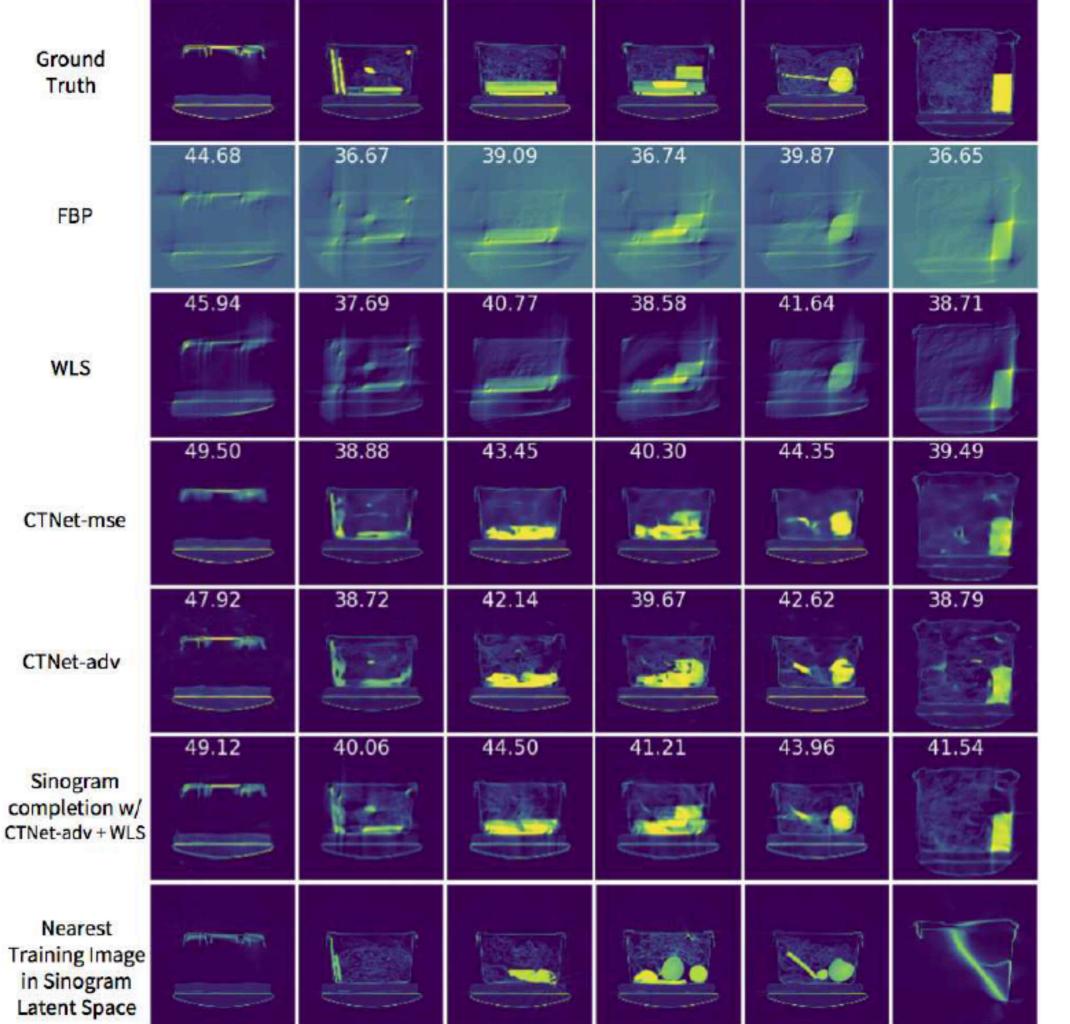
Presenter: Hongming Shan



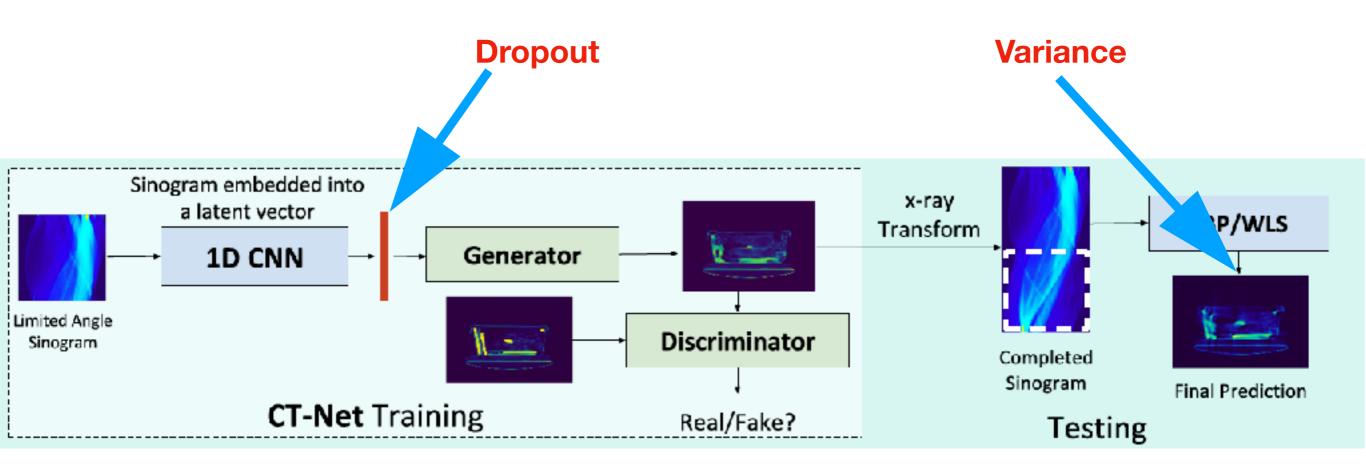




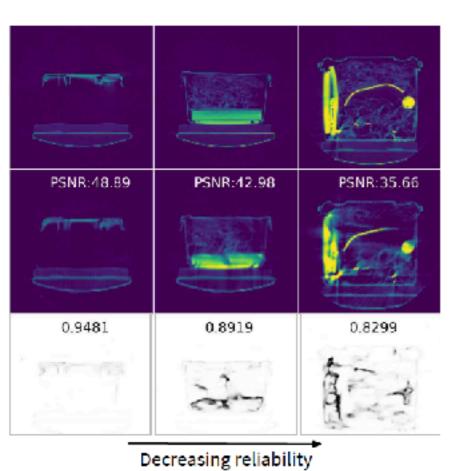




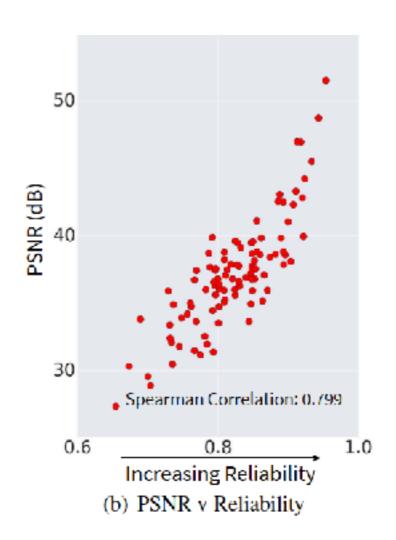
A New Confidence Score for Reconstructions from Limited Angle Sinograms



$$r_k = \exp\left(-\frac{\sum_i \sum_j V_{ij}}{||\hat{Y}_k||_2}\right),\tag{4}$$



(a) top row: ground truth, middle: proposed reconstruction, and bottom row: pixel-wise confidence map. Light indicates more confident.



Views @ Test time/ PSNR 90°/ 41.54

80°/ 40.66

70°/ 40.08

(c) Robustness to different views at test time: top left is ground truth, and others are reconstructions using CTNet-adv+WLS.