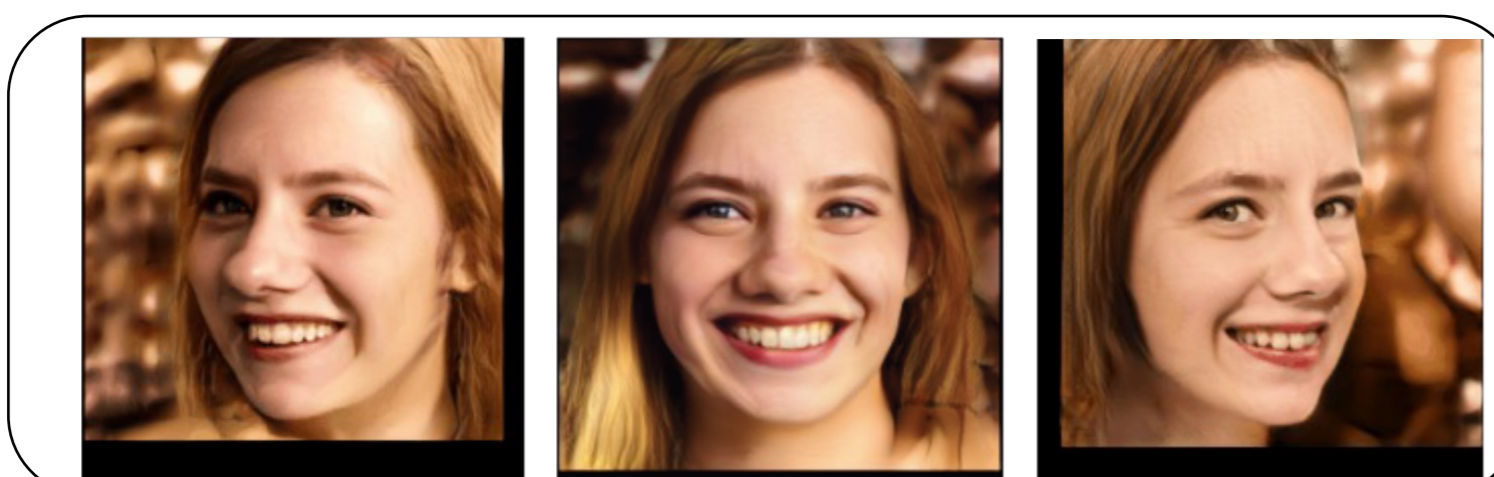
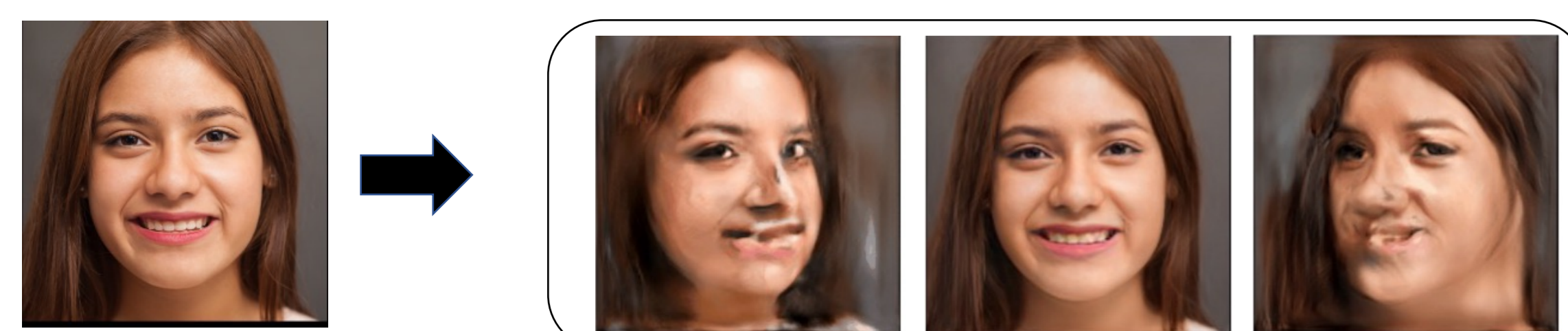


Motivation

Current 3D-Controllable GAN
Good Controllability on Randomly Sampled Code

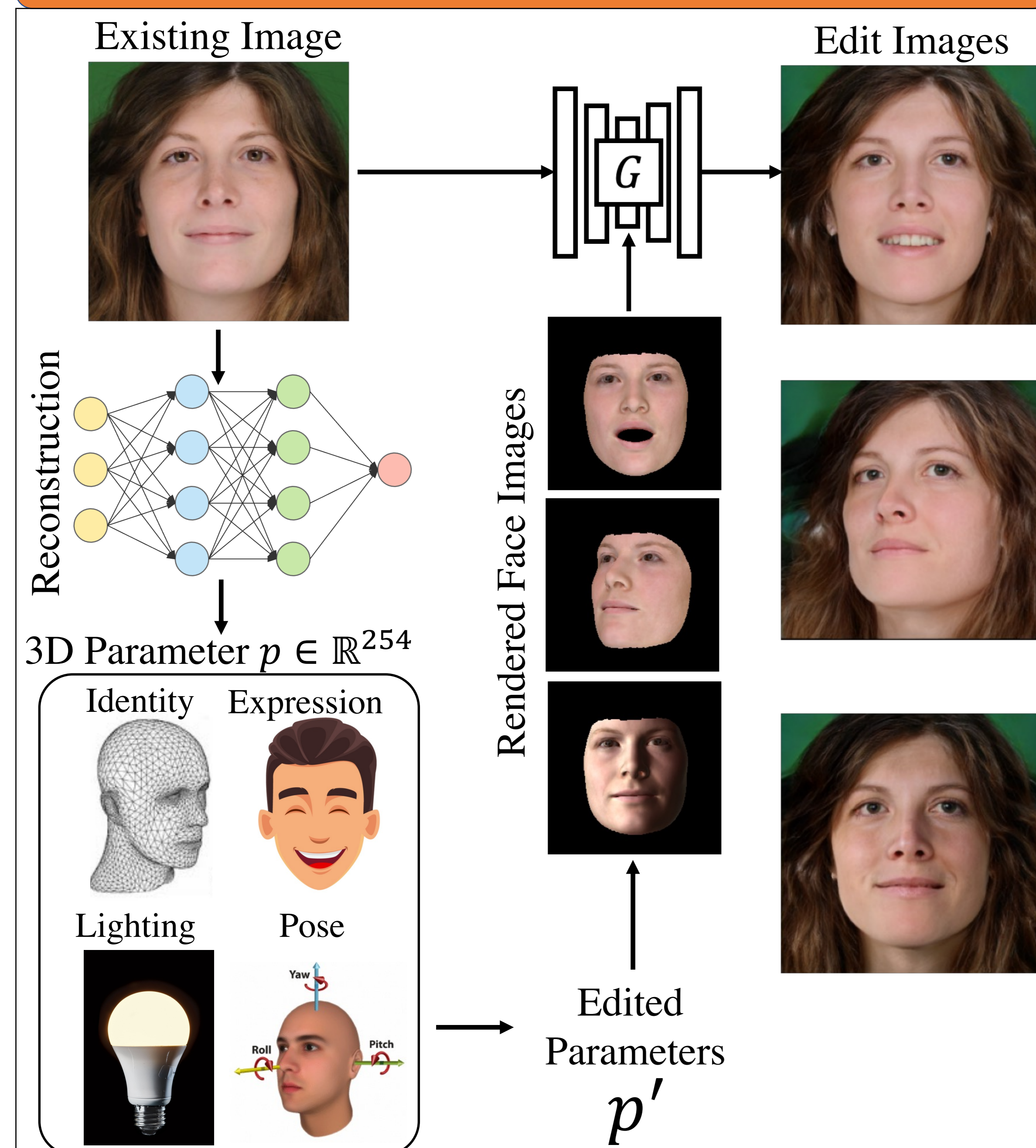


Worse Performance on Manipulating Existing Images

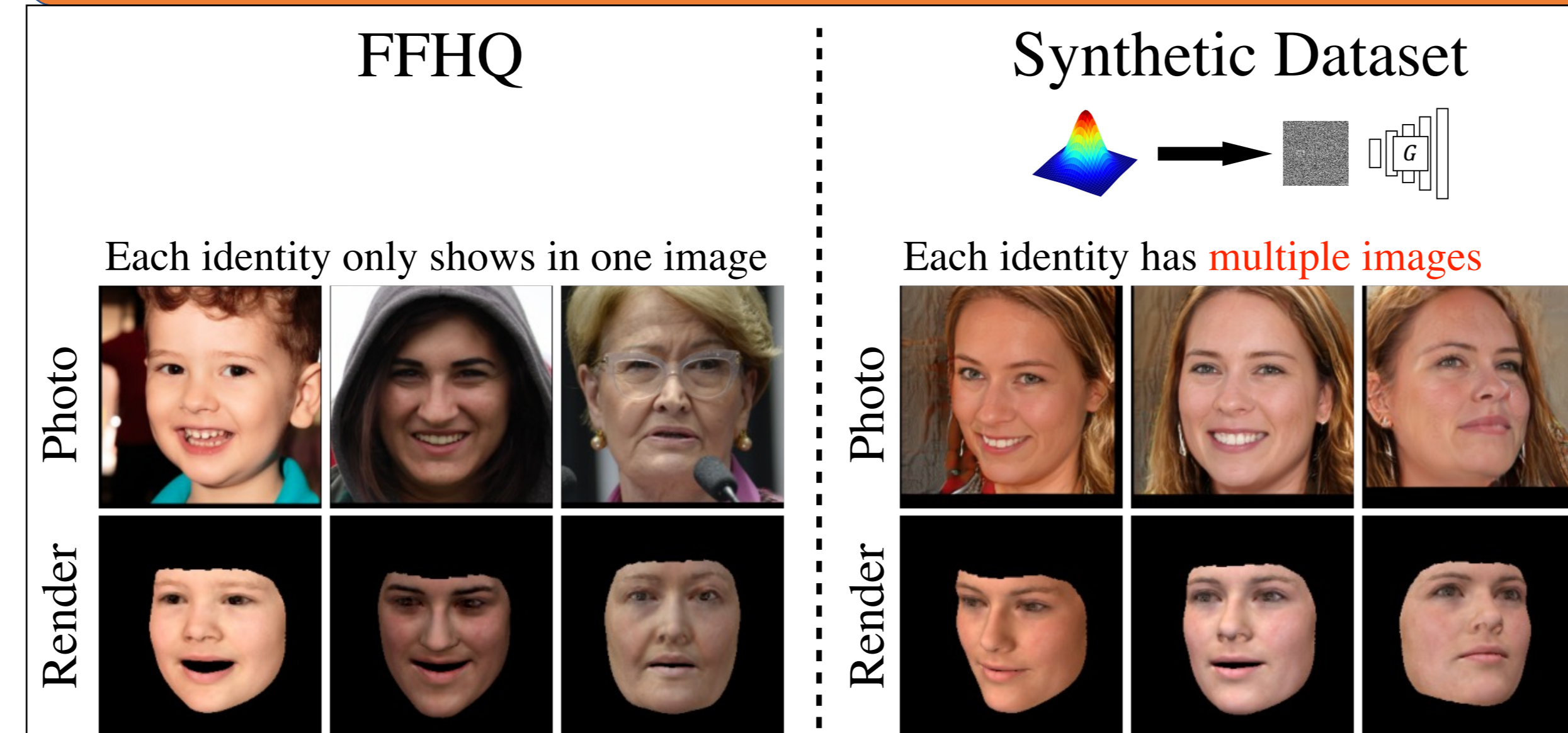


*Above results are obtained by DiscoFaceGAN

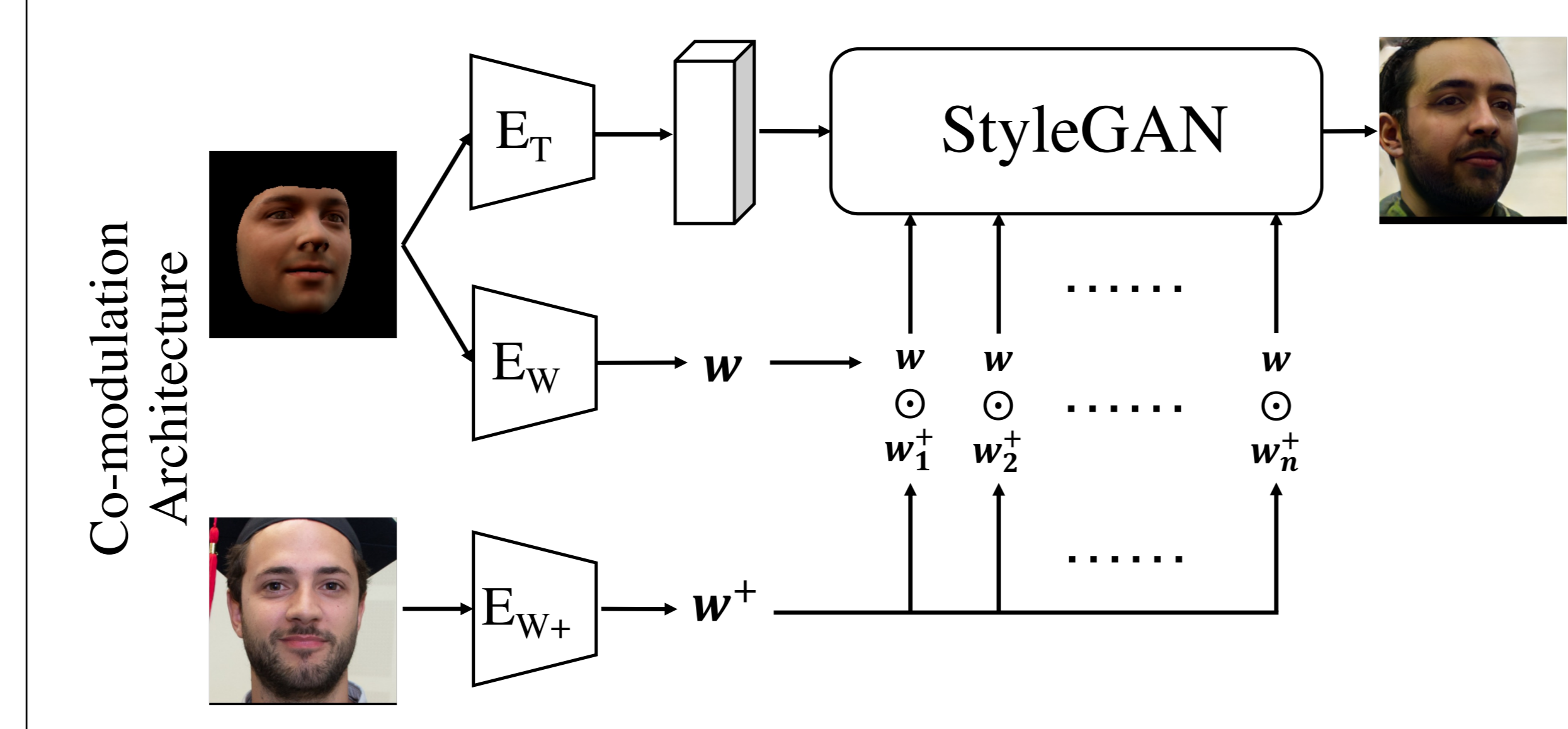
Our Approach



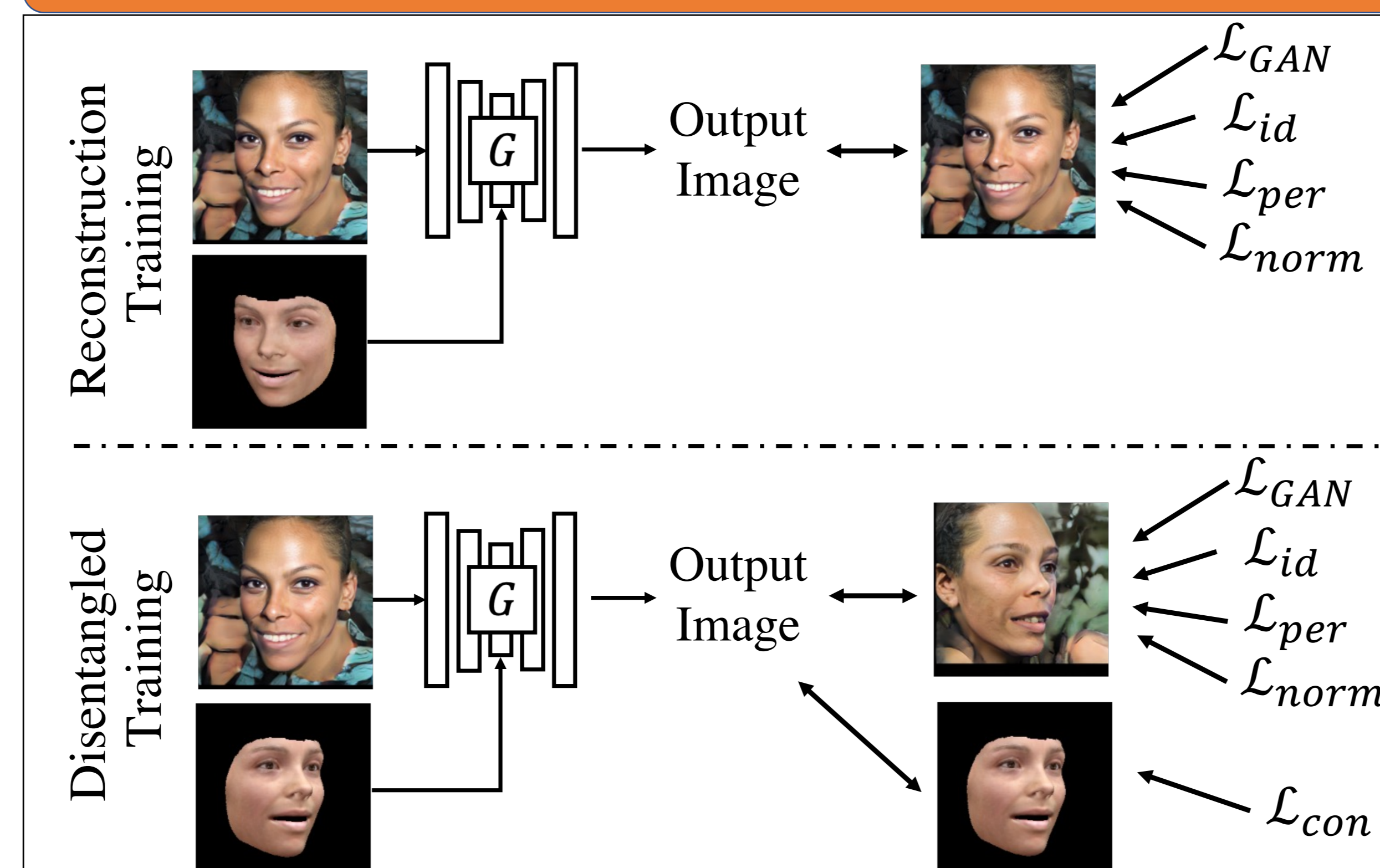
Dataset



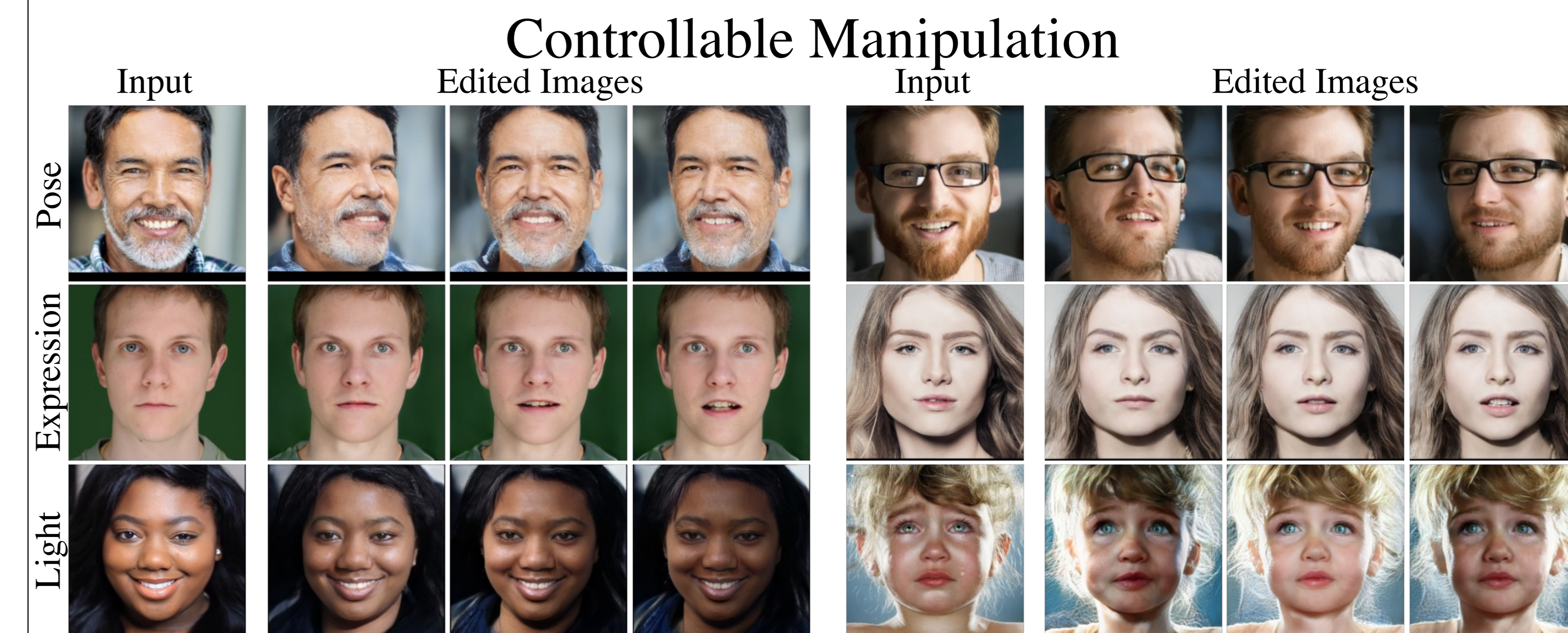
Architecture



Training Scheme



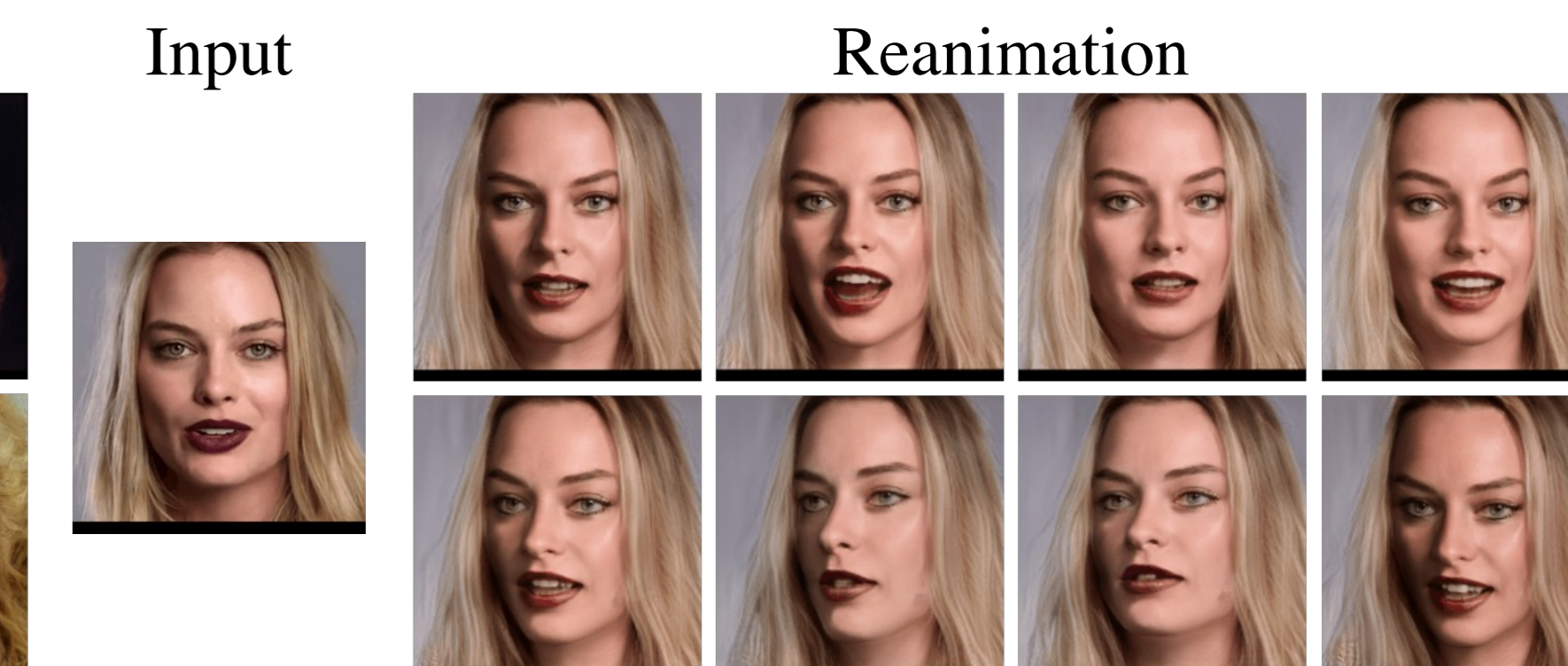
Experimental Results



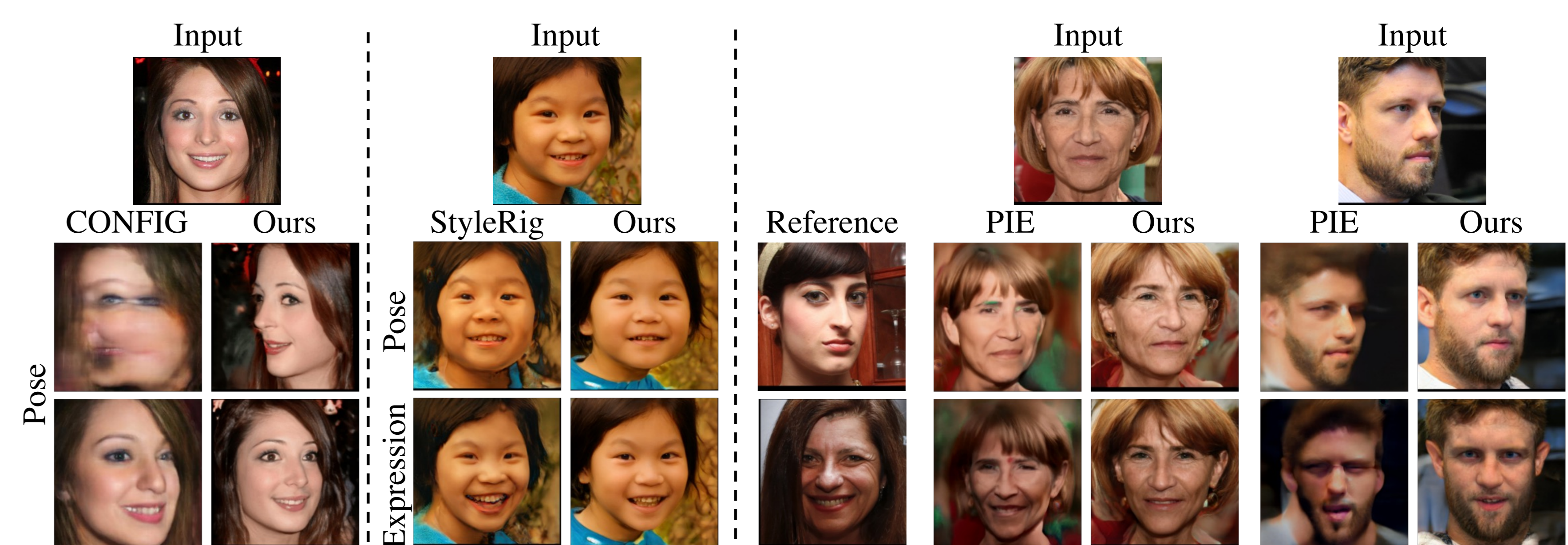
Artistic Face Editing



Reanimation



Comparing to State-of-the-Art Methods



Paper Resource

Webpage: <https://lychenyoko.github.io/3D-FM-GAN-Webpage/>

Video: <https://www.youtube.com/watch?v=3tR7qIXyzLE>