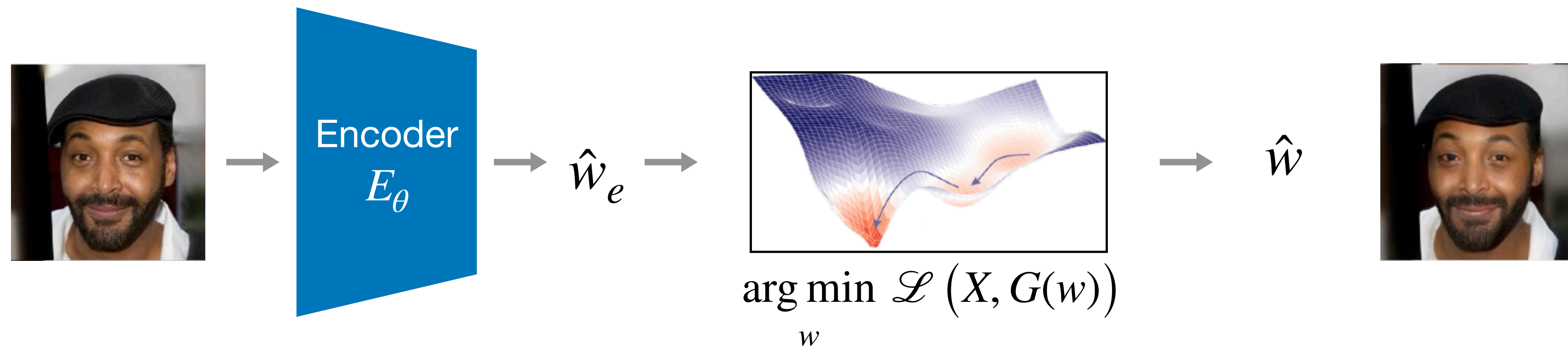


# GAN inversion: connecting *real labeled images* to dataset generation

Given a pre-trained generator  $G$  and a similarity-based loss  $\mathcal{L}$  (e.g., LPIPS)

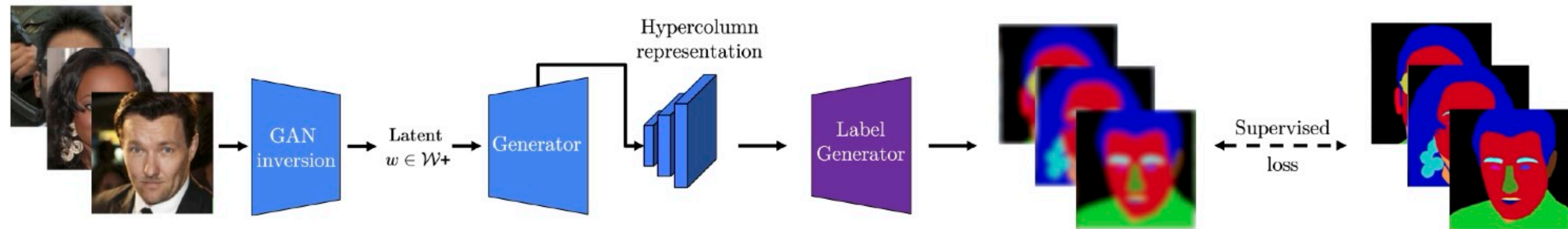


Encoder (e.g., ReStyle [23]):  
“Big picture” reconstruction

Optimization step:  
Refines smaller details

# The HandsOff Framework

(1) Train label generator with small number of labeled images (~16)



(2) Generate images and corresponding labels

