



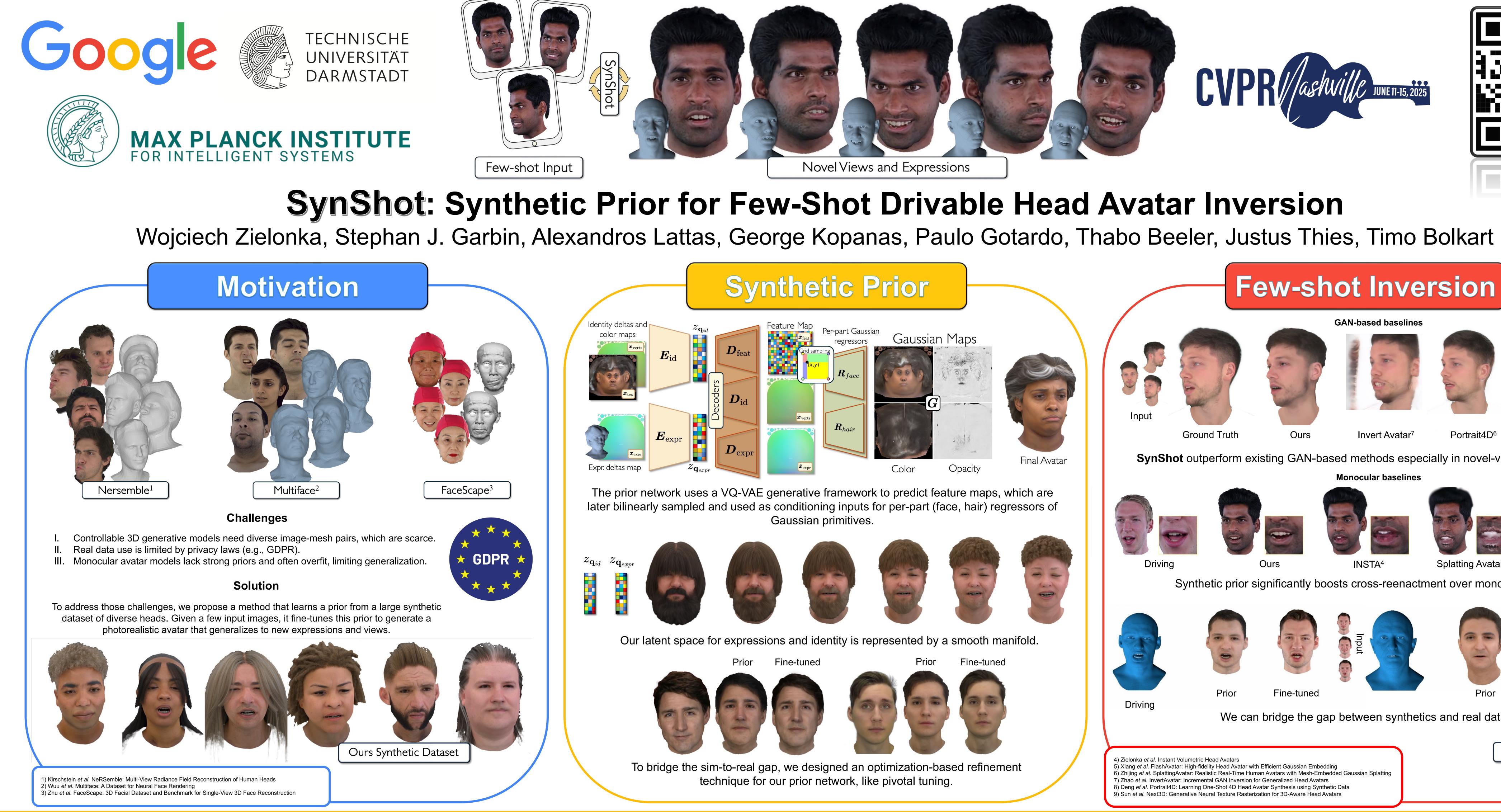








photorealistic avatar that generalizes to new expressions and views.





SynShot outperform existing GAN-based methods especially in novel-view consistency.

We can bridge the gap between synthetics and real data.

7) Zhao et al. InvertAvatar: Incremental GAN Inversion for Generalized Head Avatars 8) Deng et al. Portrait4D: Learning One-Shot 4D Head Avatar Synthesis using Synthetic Data

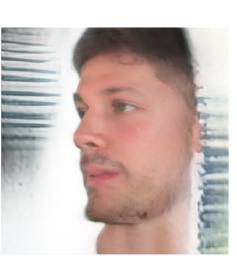




Few-shot Inversion







Ours

Invert Avatar

Portrait4D⁶

Next3D⁸

Monocular baselines





INSTA⁴



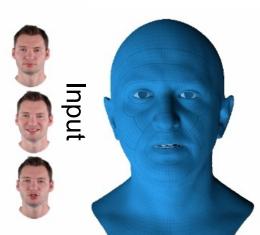
Splatting Avatar⁵



Flash Avatar⁶

Synthetic prior significantly boosts cross-reenactment over monocular methods.











Fine-tuned

Prior

Fine-tuned

SynShot