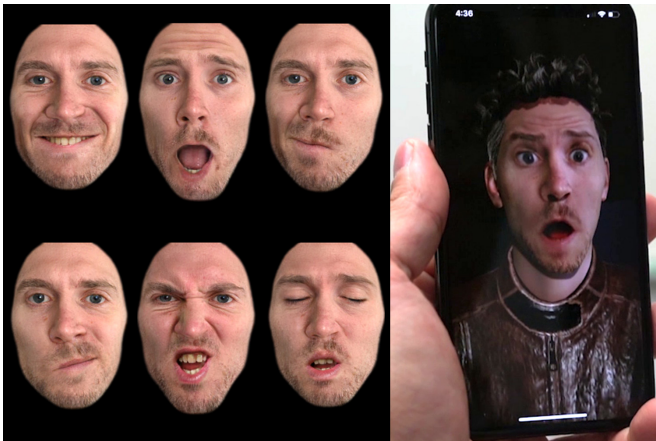


# Deep Learning-Based Photoreal Avatars for Online Virtual Worlds in iOS

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A deep learning-based technology for generating photo-realistic 3D avatars with dynamic facial textures from a single input image is presented. Real-time performance-driven animations and renderings are demonstrated on an iPhone X and we show how these avatars can be integrated into compelling virtual worlds and used for 3D chats.