

CARVR

Collaborative Augmented Reality Virtual Reality

Brad Carvey

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Outstanding Achievement in Engineering



Nature Magazine



ARVRMR Headsets

- Picture of different headsets

Commercial AR/VR/MR



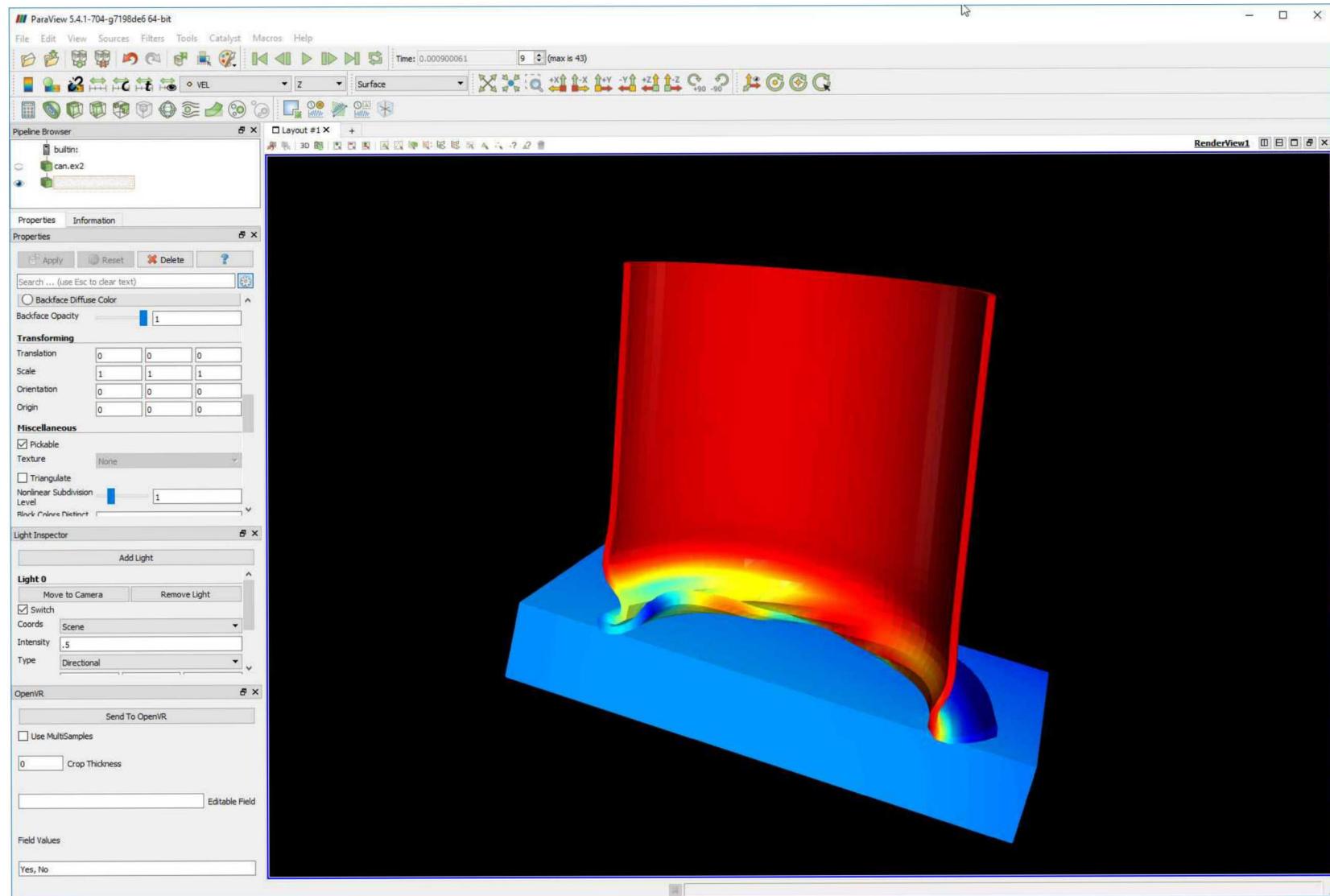
- VR headsets are a mature technology, with about 200 million units in 2020
- AR heads are evolving rapidly with an estimated 150 million units in 2020
- Tethered VR headsets are being used for Collaboration applications
- AR and MR headsets, are being used for Collaboration applications
- Apple, Samsung and Google Mobile AR apps are helping popularize AR.

Virtual Collaboration

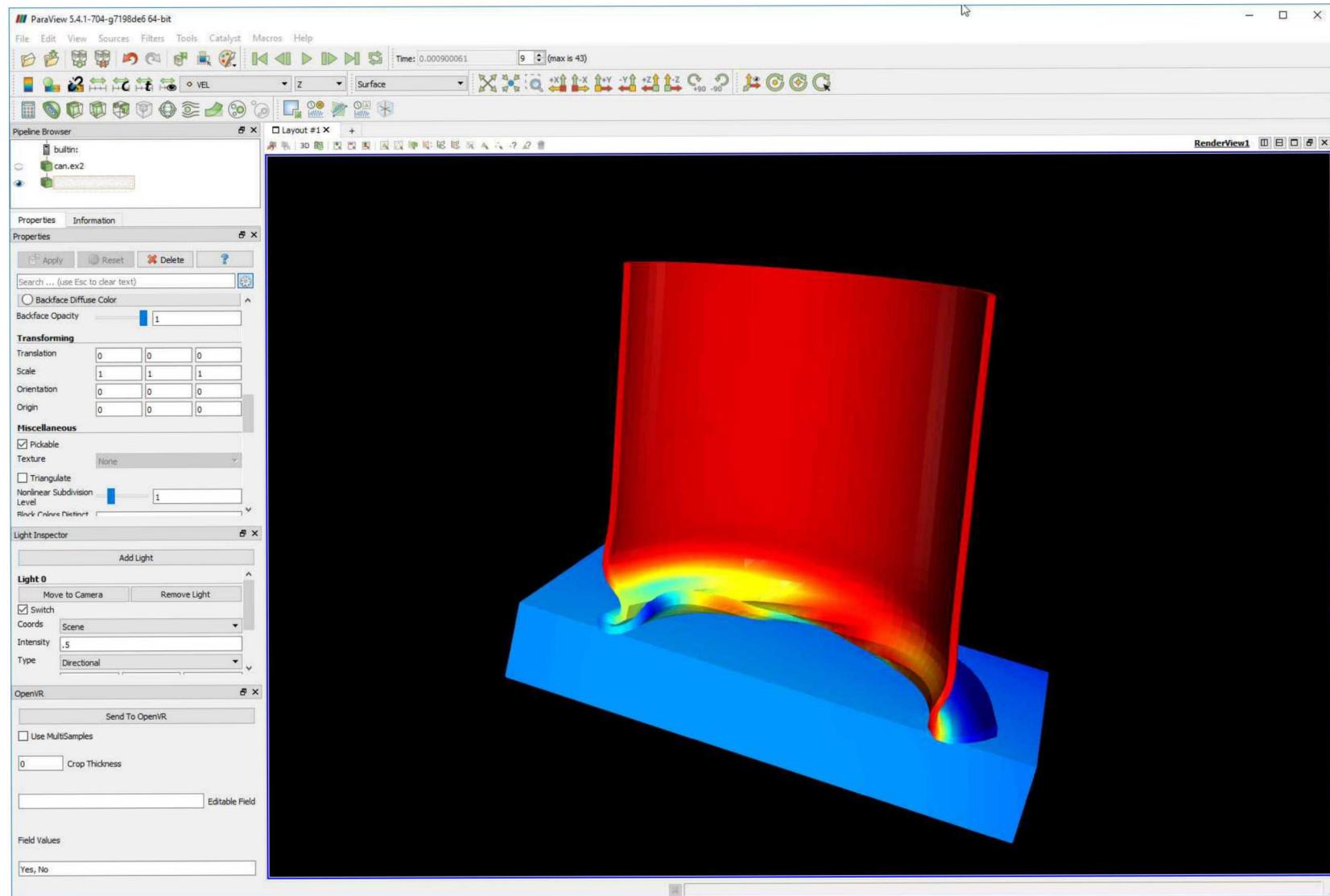


- Shared AR/VR/MR allow local and remote users to collaborate
- Users can move around and interact with virtual objects
- VR users can all have the same view while interacting with virtual objects
- AR/VR remote viewers can be represented their virtual selves.

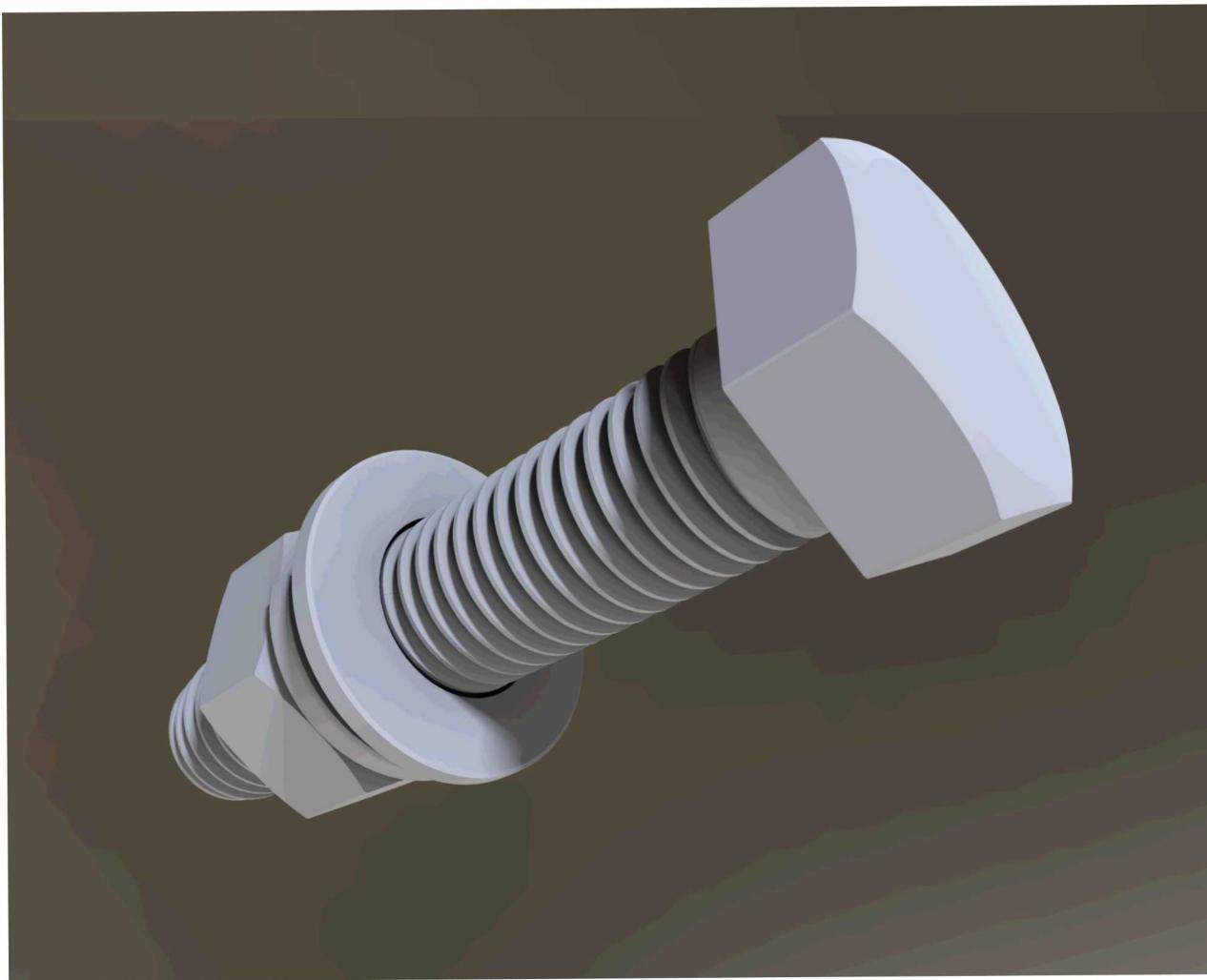
Paraview VR



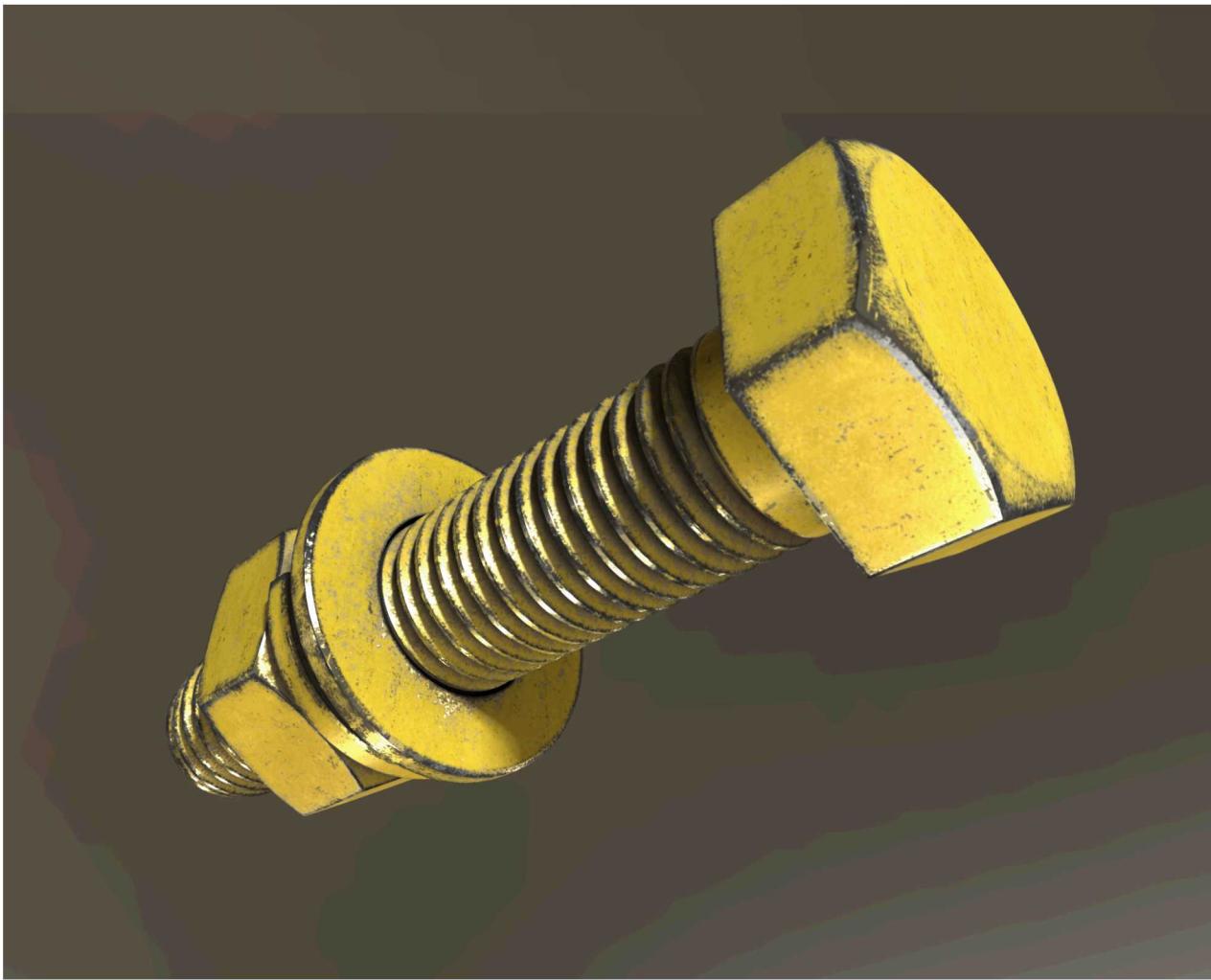
Paraview VR



VR Ready Graphics



VR Ready Graphics



Texture Maps



Texture Maps

- Video to be inserted.
- Screen capture of VR environment. This will be my garage scene with the bolt and lantern objects included.

Questions?

