**Challenge 2: Augmented Reality Apps**

* QR code triggered models that present cut-away views, info call-outs, and full scale surface equipment
* Access remote data, such as temperature or Wikipedia articles and present the data based on GPS location

Tools:

https://www.blender.org/ Installed on BD Workstations

https://www.soft8soft.com/

https://armory3d.org/

https://unity3d.com/ Installed on BD Workstations

https://www.gimp.org/

Data and Artifacts:

3D Resources from NASA: <https://nasa3d.arc.nasa.gov/>

Data.Gov: <https://catalog.data.gov/dataset?tags=temperature>

NOAA Climate Data Online: <https://www.ncdc.noaa.gov/cdo-web/>

NOAA’s Big Data Project: <https://www.ncdc.noaa.gov/data-access/radar-data/noaa-big-data-project>

Climate Data sets: <https://www.climate.gov/maps-data>

Wikipedia: <https://www.wikipedia.org/>

Google Geolocation API: <https://developers.google.com/maps/documentation/geolocation/intro>