

VR headsets

(Meta) Quest 2

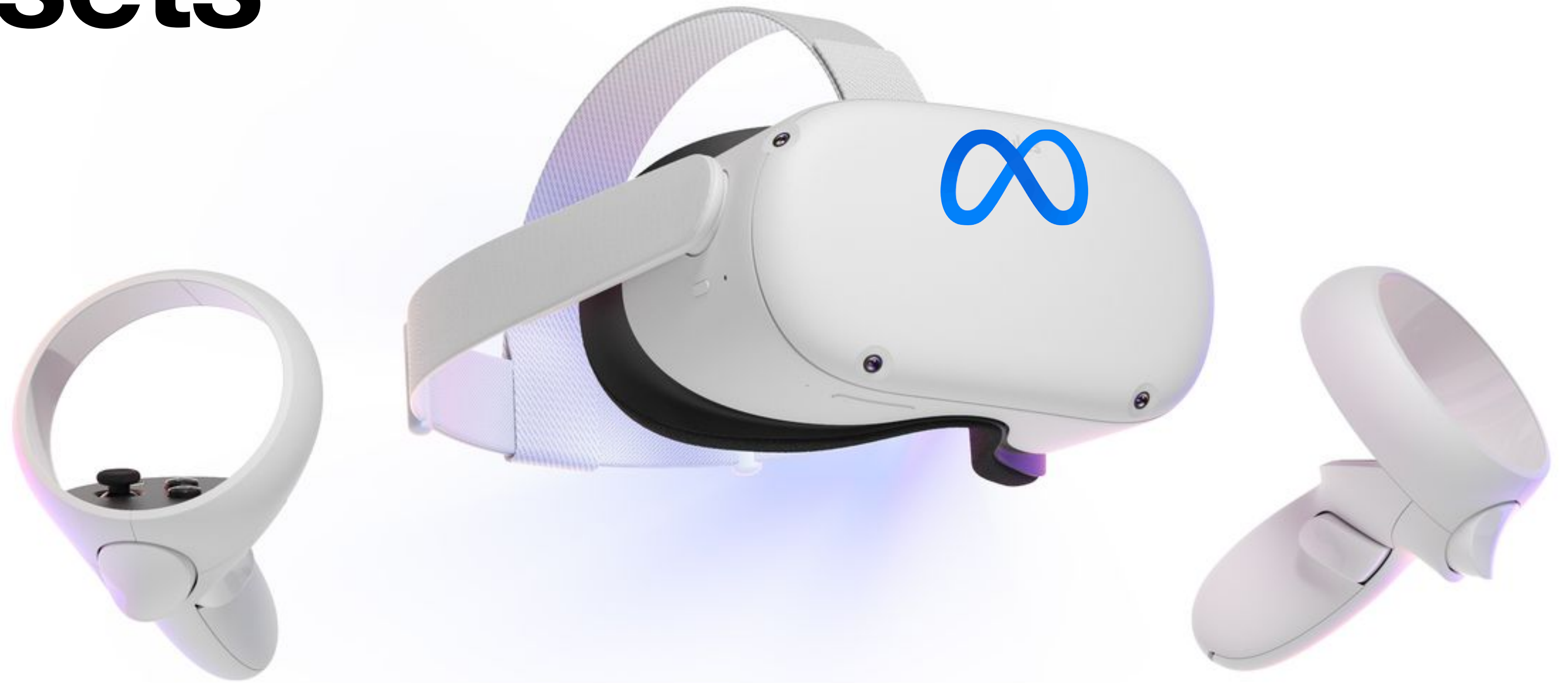


Tamara Richardson

Journée du LUTH 2022

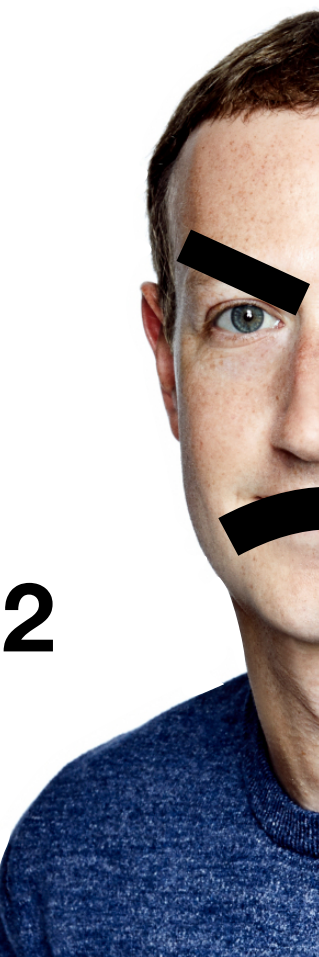
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What I'm going to talk about

- Some features
- How to turn it On and Off
- What is a boundary and how to set it (live demo)
- How to make your first 360° image
- View your image and Basic usage (live demo)

Quick overview

Wireless / Self-sufficient

Adjustable Strap

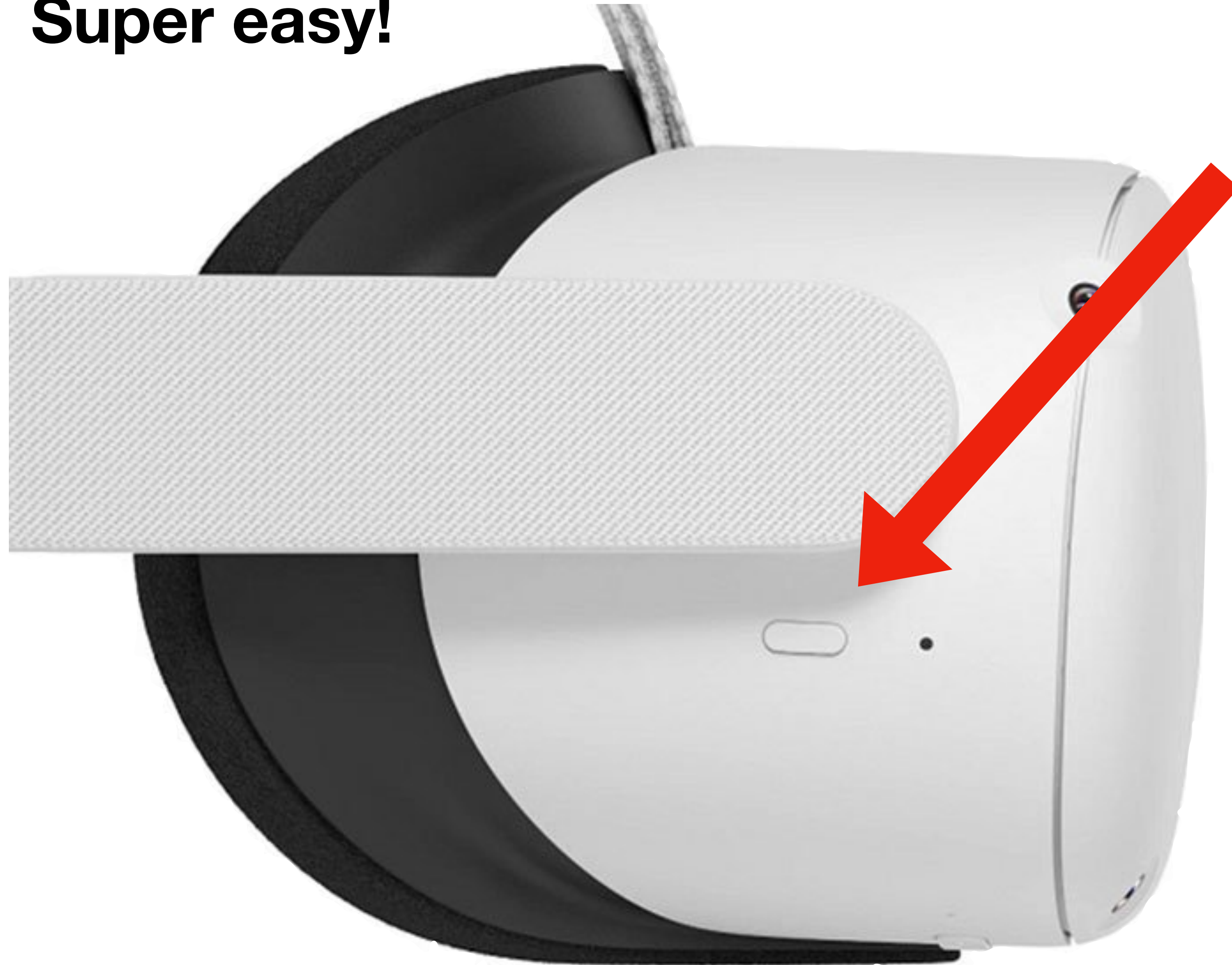
NIR camera's to
Track your surroundings
and/or **See** through



Two controllers (with
motion capture?)

Powering On and Off

Super easy!



On the right side of the headset.

Hold down for ~3 secs to turn **ON**

Will make a sound and logo appears

Once on a single click will (de)activate **SLEEP** mode

Hold down for ~3 secs to turn **OFF**

Know your boundaries (Guardian)

Live demo!

The Guardian is there to stop you bumping into stuff. The headset **will not** let you continue without setting it up. But it's pretty easy to do.

Two types:

Room scale

Allows to move around

Requires a large space

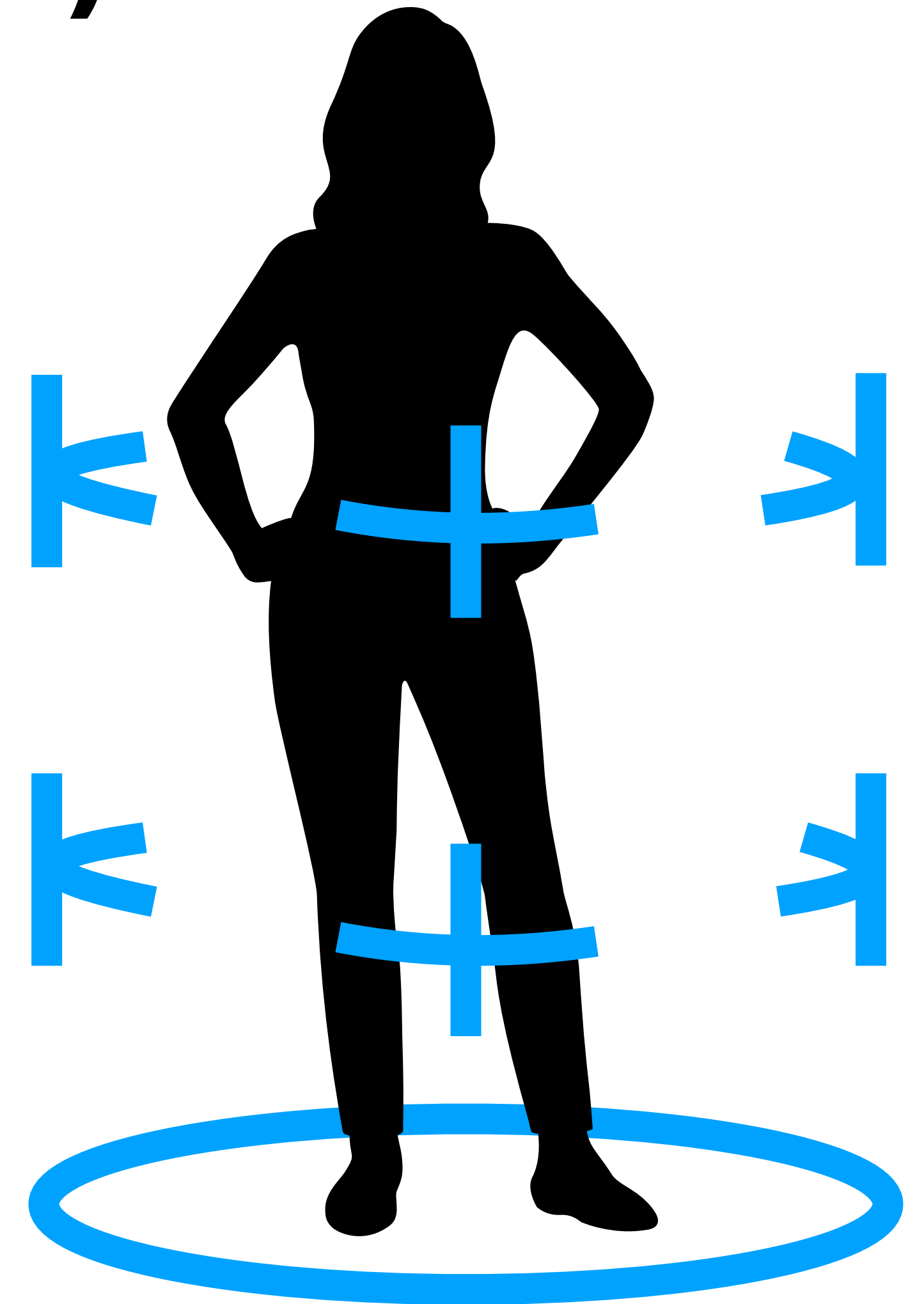
Adaptive, you draw the zone you want

Stationary

Remain stationary

Great when sitting

Easy to set up



Let's make a 360° picture

This is just a picture!!

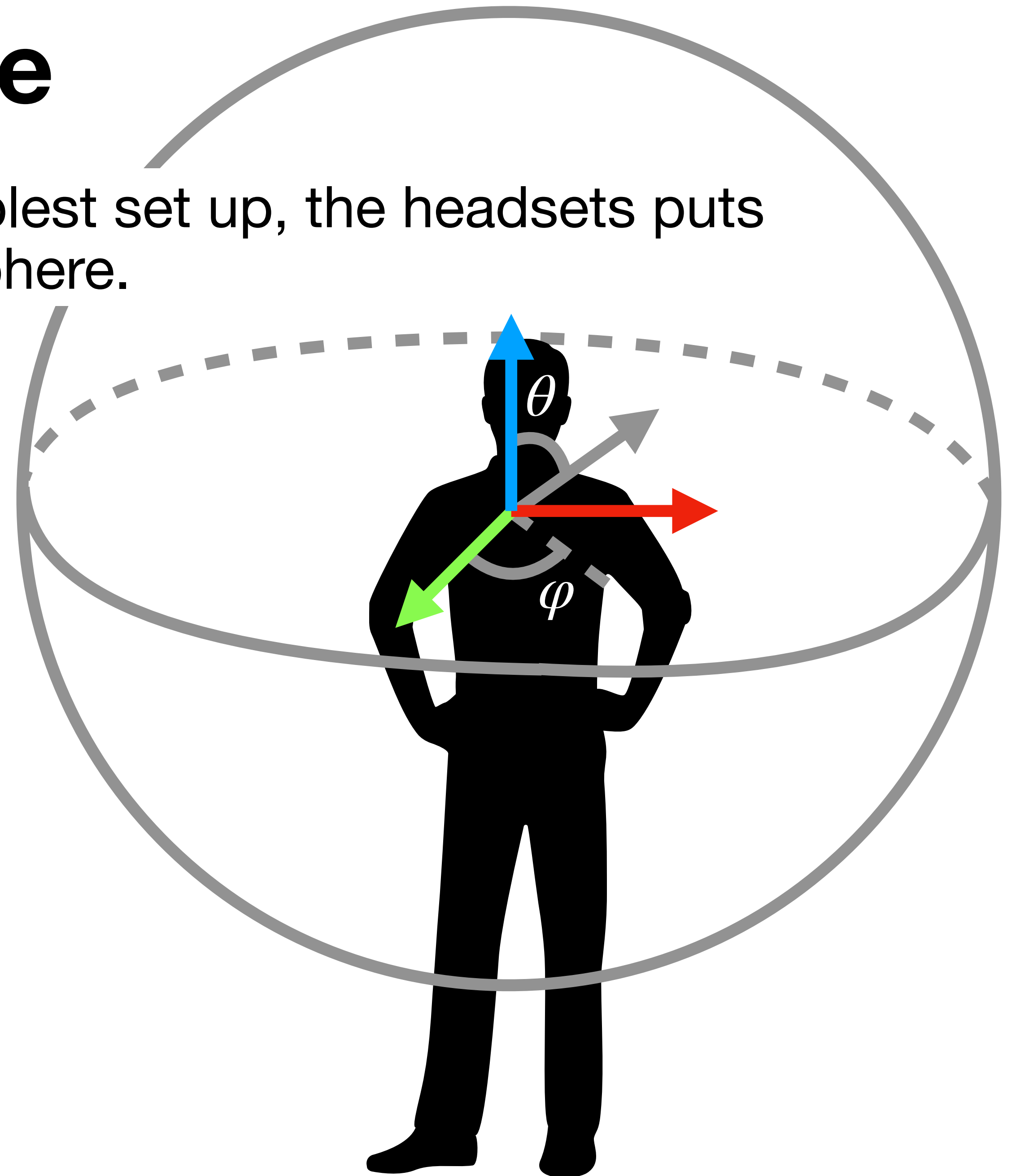
In the simplest set up, the headsets puts you in a sphere.

You therefore want to map a spherical image onto a flat **jpg** image.

The Zuck approved app (Quest TV) is very limited as to choice of projection.

You **HAVE TO** use an **equirectangular** projection:

$x = \varphi$ and $y = \theta$ (at least it's easy)



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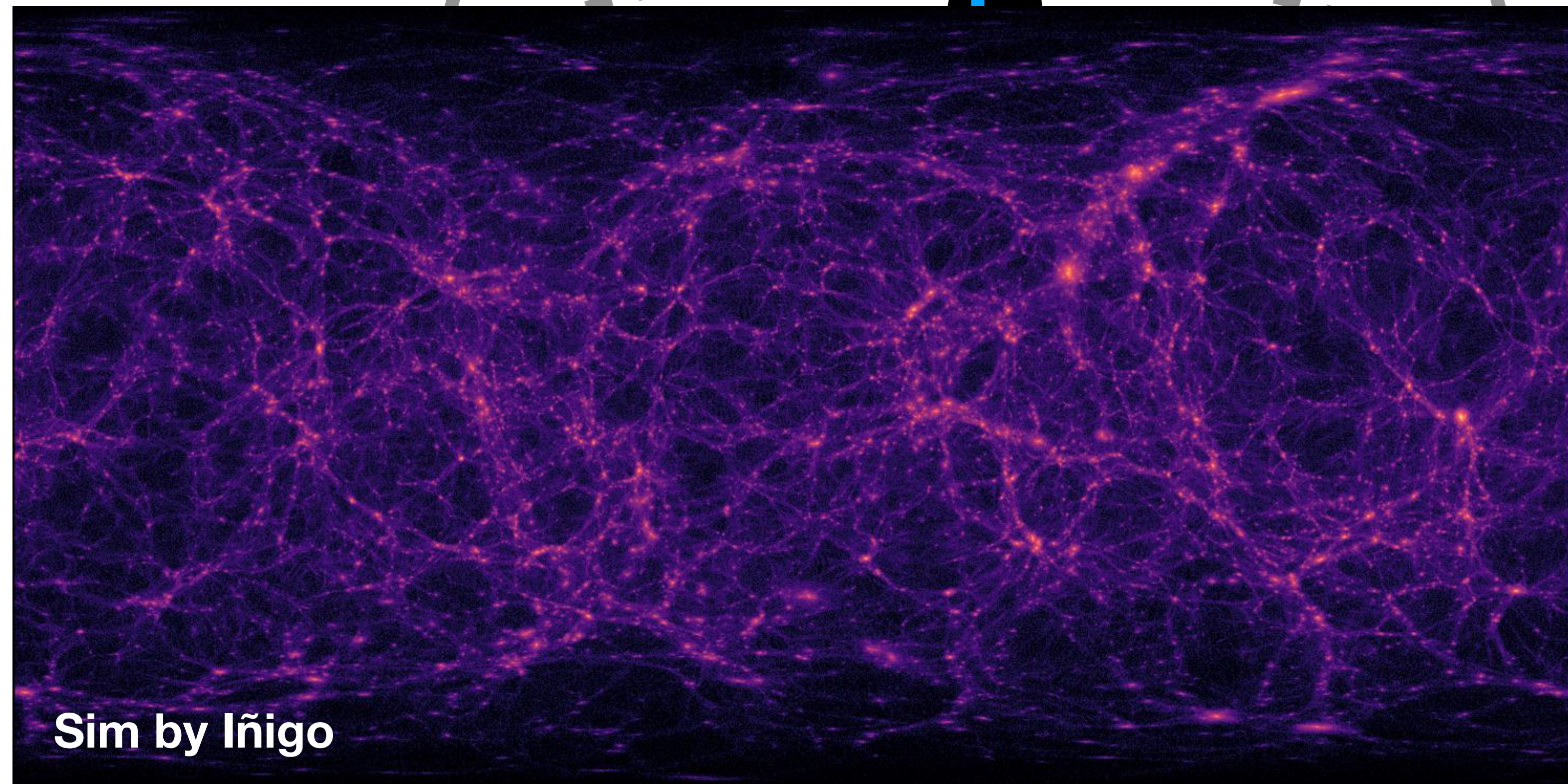
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Viewing your image

The curse of the cable!

To load your image:

Insert **the** USB-C cable into the port on the left side.

You **HAVE TO** use the cable that is in the box. Do not loose it!

Just like a phone, navigate the file system to put your file into “Pictures”

You can then read it with the **Quest TV** app.



A few issues

At least that I've run into

- If the headset goes below 20% charge everything starts glitching out.
- Sometimes in Quest TV app menu disappears and you cannot change the projection of files. I haven't found a fix for this except turning it off and coming back later.
- If the system has detected an update it will no longer let you use out-of-date apps.
- Sometimes apps will start to “glitch out” in various ways. Usually turning the app off and on again fixes this.

**Thank you!!
Have fun!**



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Have fun!**

