

Les Nuits de Bassins

Decorative celestial graphics in light purple and white, including concentric arcs, dotted lines, a crescent moon, a starburst, and various geometric shapes like squares and triangles.

Proposal

Lucy and Jane

A faint, stylized illustration of a butterfly in the upper right corner, rendered in a light purple color.

Our Idea

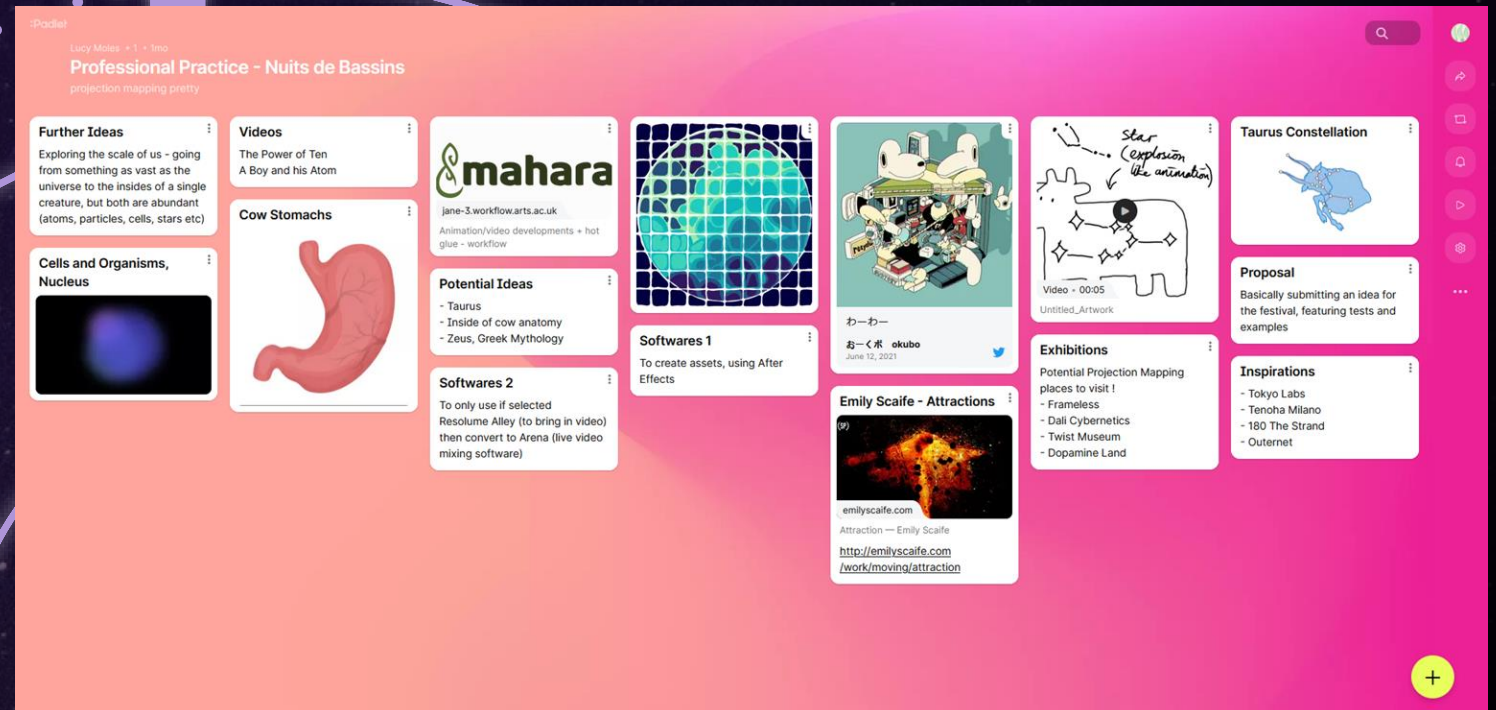
We want to make a projection that highlights the similarity between the vast universe and all of the stars in the sky, to living organisms and all of the cells inside of them.

We would like to use the cow model and the screens beside it, and play into the multiple stomach idea to zoom in from space down into the creature itself, and vice versa. It will be a looping video and continuous cycle in and out, so people can join to watch at anytime.

Main softwares: Adobe Photoshop, Procreate, Toonboom Harmony, Adobe After Effects, Resolume Arena and Alley

Initial moodboard:

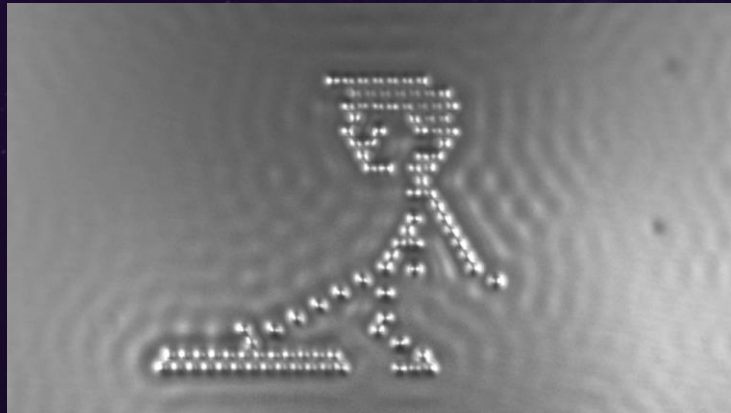
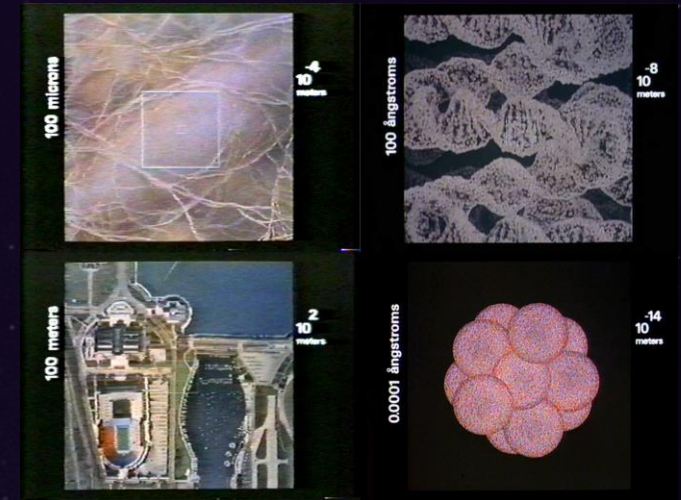
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Inspirations

We are greatly inspired by the 1977 film *Powers of Ten*, which zooms out from a Chicago lakeside up to the very edges of the Universe, passing nebulas and whole galaxies, before quickly returning to Earth and taking us into the hand of a picnicker at the lake, through carbon atoms and DNA molecules, with “ten times more magnification every ten seconds.”

It leaves the viewer quietly pondering on the finite scale of us versus the infinity of what's out there.



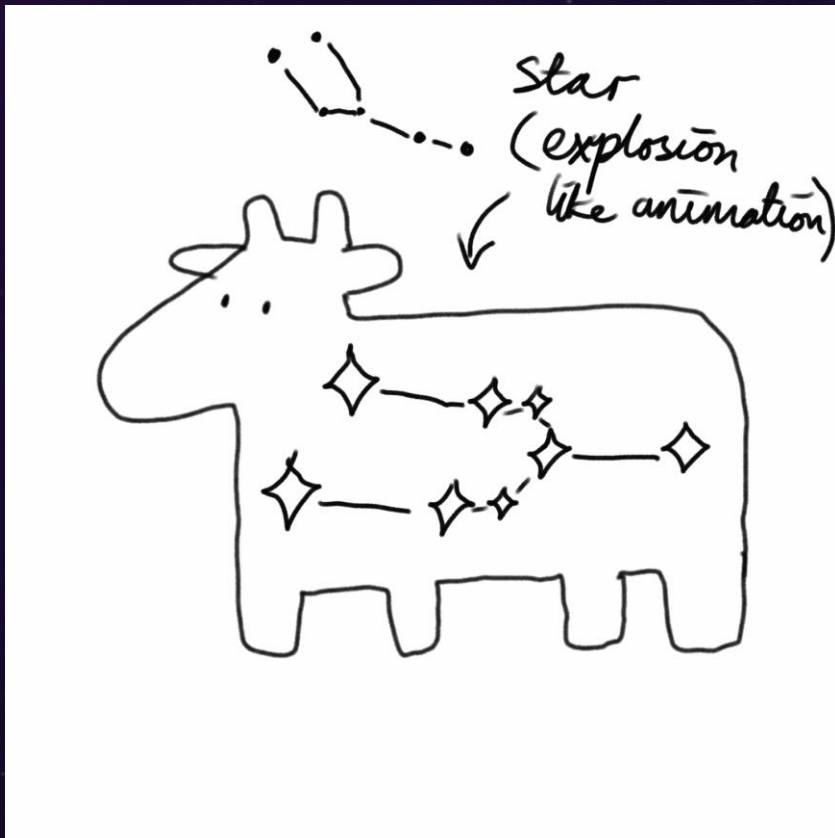
The short film *A Boy and his Atom*, known as “The World’s Smallest Movie,” also comes to mind. It’s a stop motion piece made by nanophysicists at IBM Research, who used a scanning tunneling microscope to move thousands of carbon monoxide molecules in the shape of a little human, only visible when magnified by 100 million times.

The fact alone that this is possible is incredibly extraordinary.

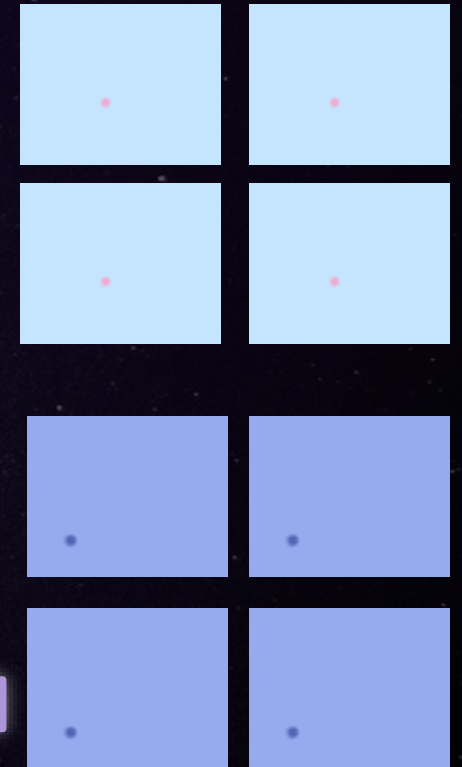
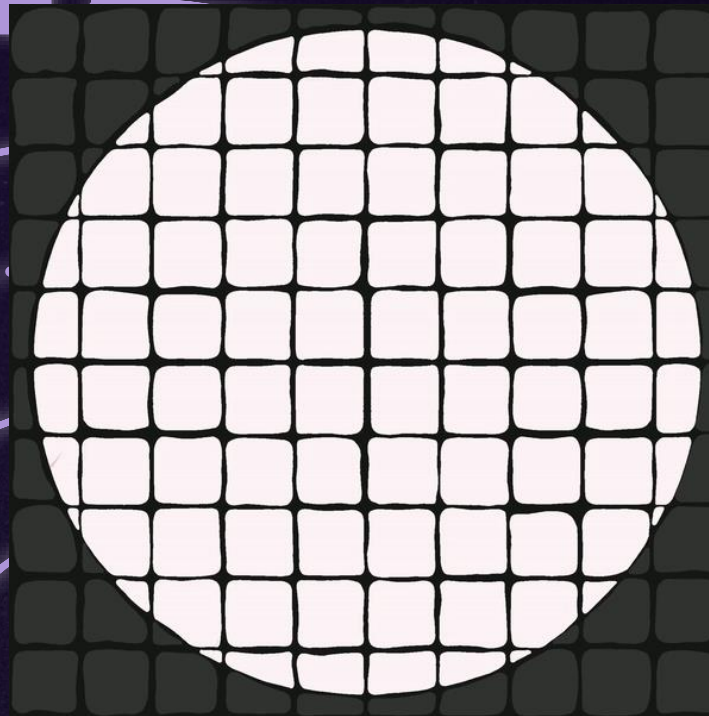
We were also really touched by the Richard Feynman quote - “*The world is so wonderful in the sense that stars are made of the same atoms as the cows and as ourselves, and as stones*” (p 101 of *The Pleasure of Finding things Out*). We found it to be very apt.

Initial Tests

Cow sketch showing the intended sequence



Animations inspired by petri dishes and microorganisms.



Projection mapping

Organic animation experimenting using Procreate and After Effects.
We are projecting this onto a model of a cow to simulate how it would look on the day of the festival.

Test subject



Constellation asset

Can be utilised during the festival for the projection, and could use After Effects to keyframe zooms and rotations.

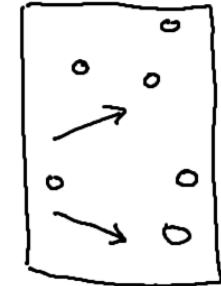


Cow Animation continued

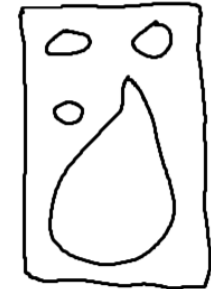
Storyboard further breaking down the events we plan to follow in the projection.



A cow with a galaxy like appearance. Most likely with the constellation Taurus in the middle.



The cow's outer appearance splits into cell like shapes and disperses into the surrounding screens. This reveals the inside which is a stomach like shape.



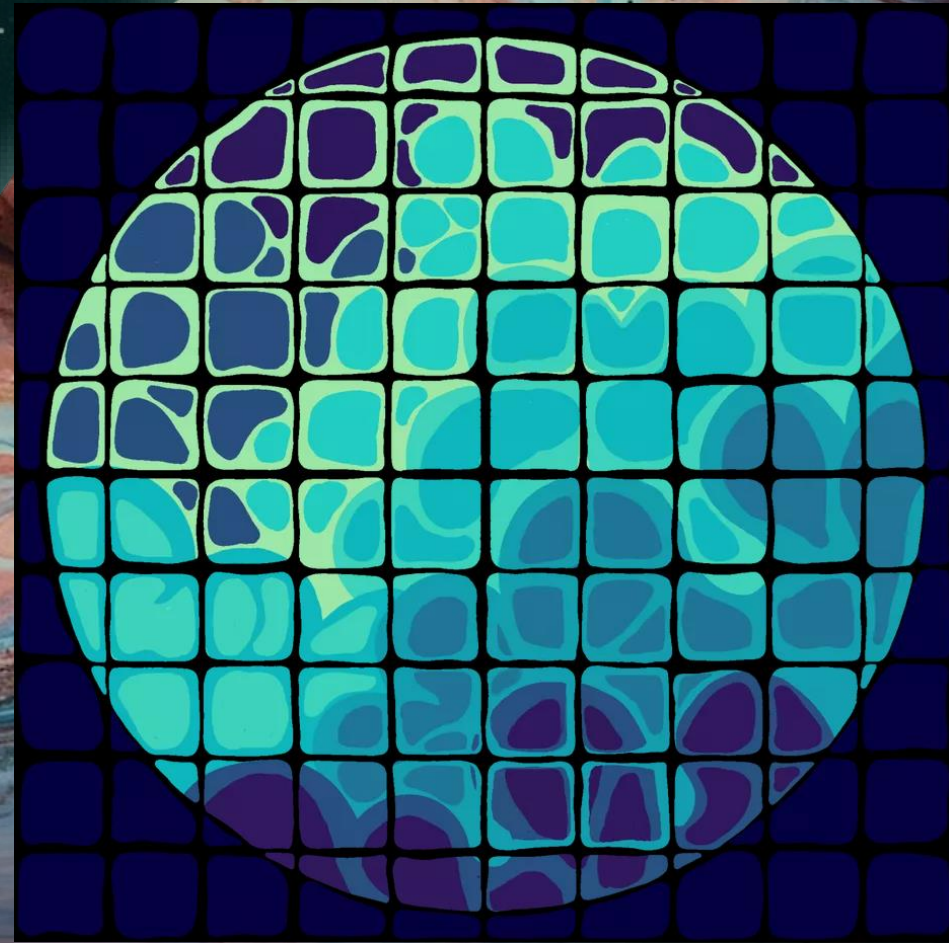
The stomach in the middle of the cow expands so we can see the activities inside the cow more clearly. The same happens to the cells inside the screens next to the cow.



After showing the activities happening inside the stomachs and the cells for a while, the cells on the outer screen move back to reform the outer layer of the cow, thus completing the animation loop.

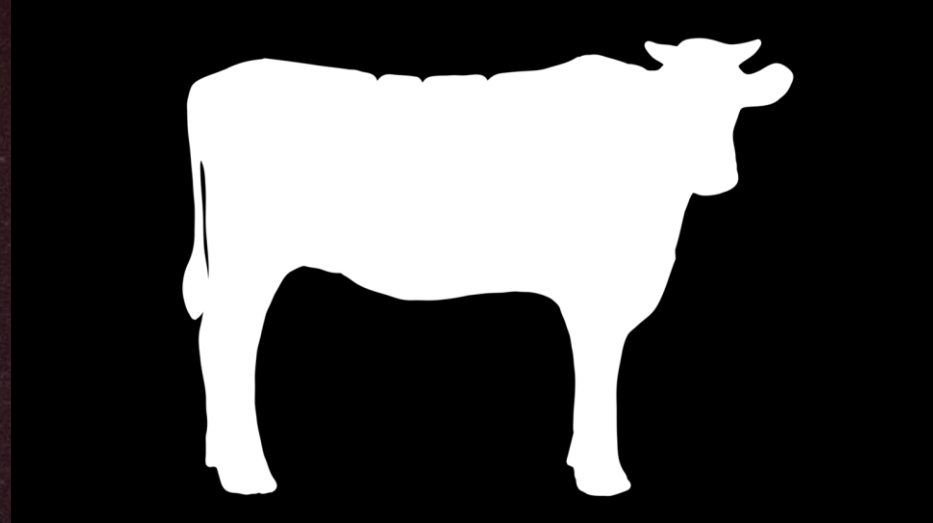
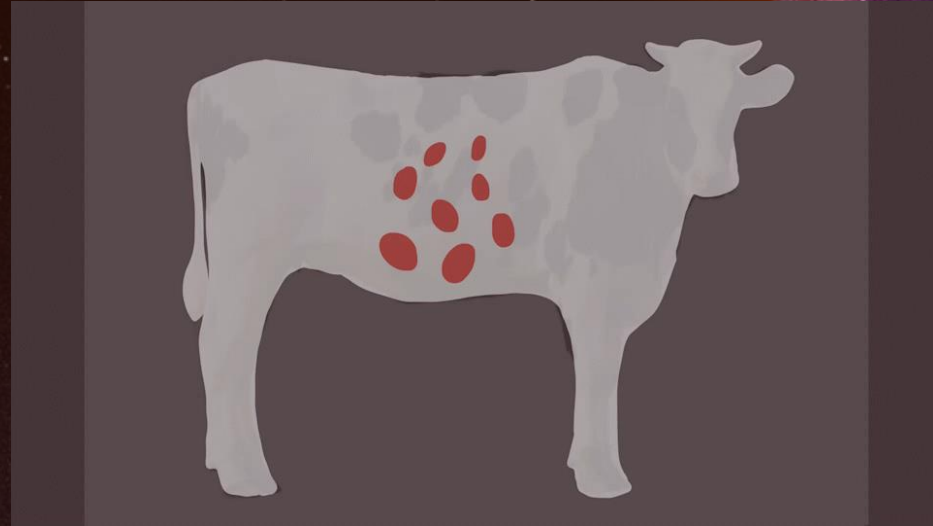
More small scale assets

Still making original graphics themed around space and body, whilst learning more about the softwares we need



Body of the Cow

We used Toonboom Harmony to simulate how
the animation inside the stomach could look



Galaxy animation

We acquired a special brush set for the Procreate app (*'Lavender Haze'*, *'Singularity'*, *'Rock Candy'*) which allowed us to create a colour changing space scene, then used After Effects to keyframe in the evolution of Fractal Noise, and added blending modes to finish off.



Body transition

We imagine the galaxy changes hue to pink
and reds, and gains synapse-like tendrils

Idea for the space

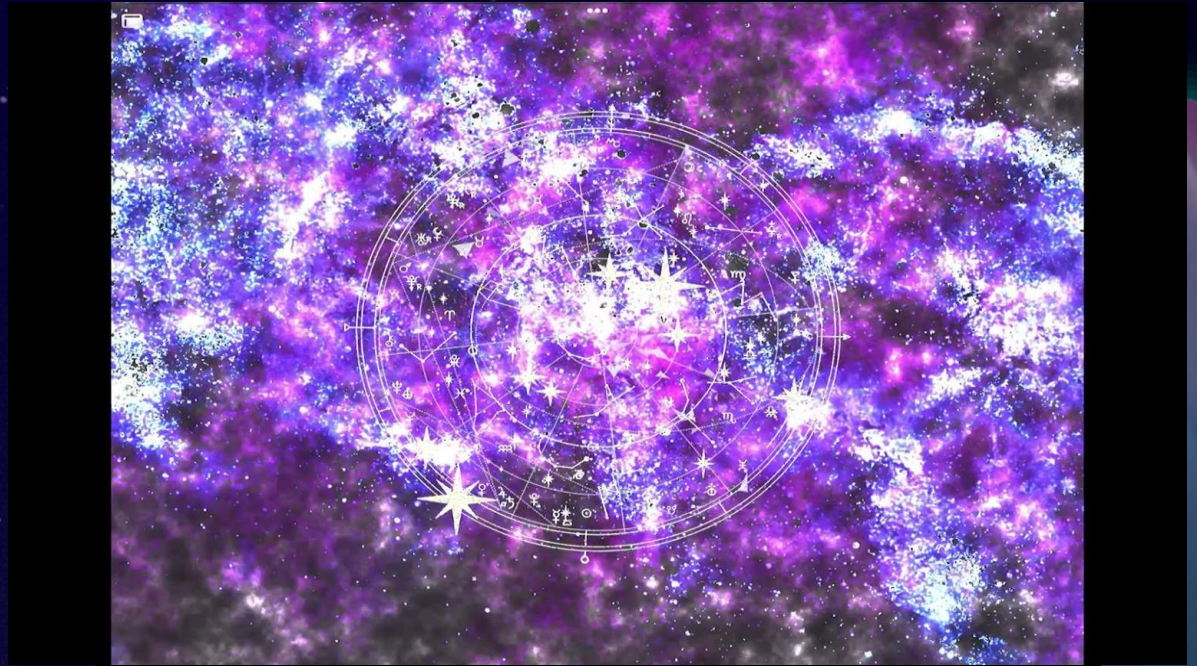
We also had an idea that would be even more interactive - having a live projection of the night sky above the venue, displaying the current constellations

Used the app 'Stellarium'



Applying our animation

Testing out our work by hiring a projector and displaying them onto our cow jug



Thank you for listening

