# Astro-animation:
# Gesture, Metaphor and Creative Practice in Astronomy Communication

Volume 2: Digital Portfolio

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Volume 2 is an online digital portfolio that accompanies the written thesis (Volume 1). Volume 1 provides the written analysis, methodology and discussion, while Volume 2 presents the creative and practical outputs that demonstrate how Astro-animation was developed, tested, and shared. It contains the creative outputs, workshop documentation, Astro-animation Toolkit, supporting materials, exhibition documentation, festival screenings, and contextual research materials developed through the project. It is designed to be read alongside Volume 1, allowing the reader to move between the written analysis and the films, images, documents, and resources discussed in the thesis.

**Scan the QR code to access Volume 2 or visit [www.arcadiasphd.com](http://www.arcadiasphd.com)**

## Navigating the Digital Portfolio

The online digital portfolio is organised with the following menu structure:

### Films

This section presents *The Movements of the Universe*, the main gesture-informed Astro-animation film developed through collaboration with NASA scientists. The film corresponds primarily to Strand 1 and is discussed in Chapter 3 of the written thesis.

### Workshops

This section documents the Astro-animation workshops conducted across the research with scientists, artists, teenagers, families, and public audiences. It contains visual documentation, participant drawings, scanned frames, and completed workshop animations, including *The Eclipse*, *Strange News from Pluto*, and *Sunspot*.

## Toolkit

This section contains the Astro-animation Toolkit as a downloadable PDF. The Toolkit outlines the workshop structure, facilitation steps, materials, and reflective components developed through the research. Supporting links include lightning talk materials, animation frames, workshop prompts, printed image sequences, and related facilitation resources.

## Research

This section provides contextual research materials that support the written thesis, including the three research strands, process documentation, methodology, project development, and workshop photo galleries.

## Exhibition

This section documents the exhibition of Astro-animation films and workshop drawings, showing how the research was presented publicly through installation and gallery display.

## Festivals and Awards

This section lists festival screenings, selections, and awards connected to the Astro-animation films.

## About

This section provides background information about the project, the researcher, collaborators, and the wider aims of Astro-animation.