

A Contemporary Understanding of Whole Brain Emulation (WBE)* and Mind Uploading

* Reverse Engineering the brain



Angela Thornton (2019 cohort)
angela.thornton@nottingham.ac.uk

Supervisors:

Alexandra Lang (Human Factors)
Dimitris Papadopoulos (Social Sciences)
Elvira Perez Vallejos (Medicine)

- Research with public via Longitudinal Panel (n = 12 aged 18 to 80 plus around the world)
- Allows me to explore complex concepts such as WBE and advances in neurotech
- Culminating in storytelling website – utopian & dystopian worlds

'Afterlives' – the story of our potential futures



This work was supported by the Engineering and Physical Research Council [Grant number EP/S023305/1] and by The Carboncopies Foundation

How will my research benefit society?

- **Knowledge Exchange** – increasing public awareness and understanding of current and future neurotechnology including mind augmentation and uploading
- **Novel Method** - storytelling website
- **Increased Knowledge** of narrative experience – aspects such as transportation, engagement and identification with characters
- **Increased Knowledge** on extent to which individuals can accurately assess and self-report certain states e.g. emotions, attentional focus vs. physiological data (*pre cursor to post doc*)