

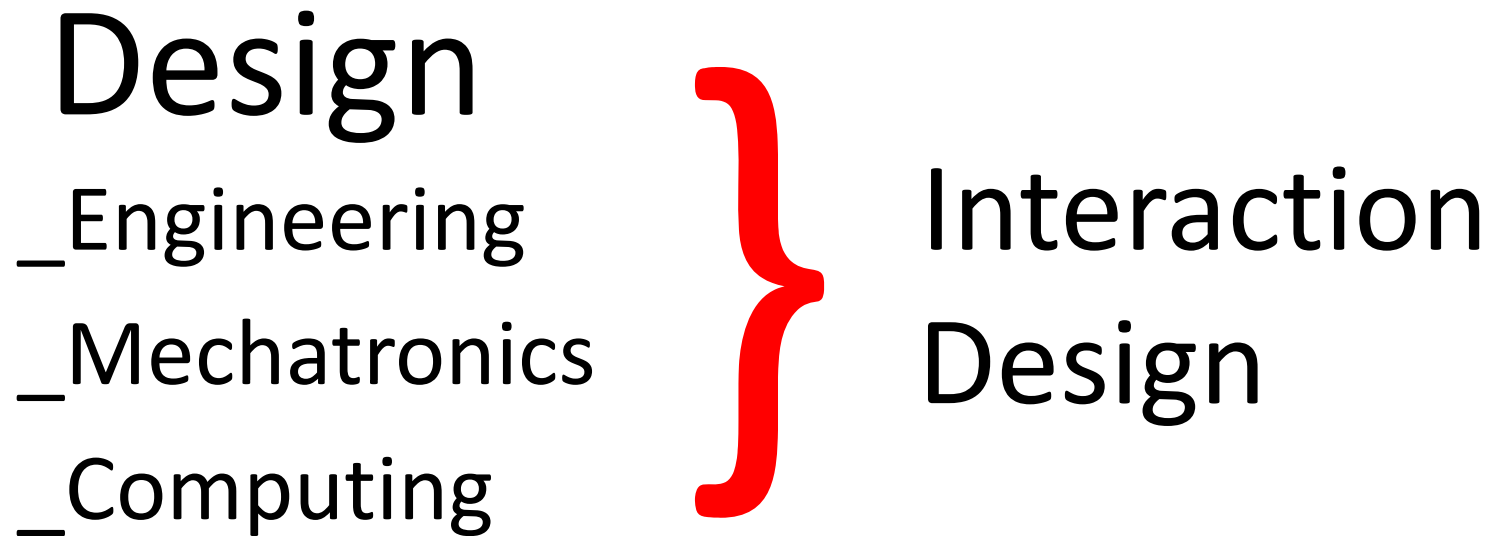
Tommy Dykes

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IPD at Dundee University in Scotland



Major Project: Talking Memories

- Importance of a user-centred approach and fully functioning prototypes for testing
- Designing for social issues
- **Research methods:** observation, interviews and cultural probes
- **Outcome:** no device allowing elders to engage with memories, in audio, in a simple and intuitive manner

designed to integrate into the home and be suggestive of an heirloom rather than a digital device...





talk...

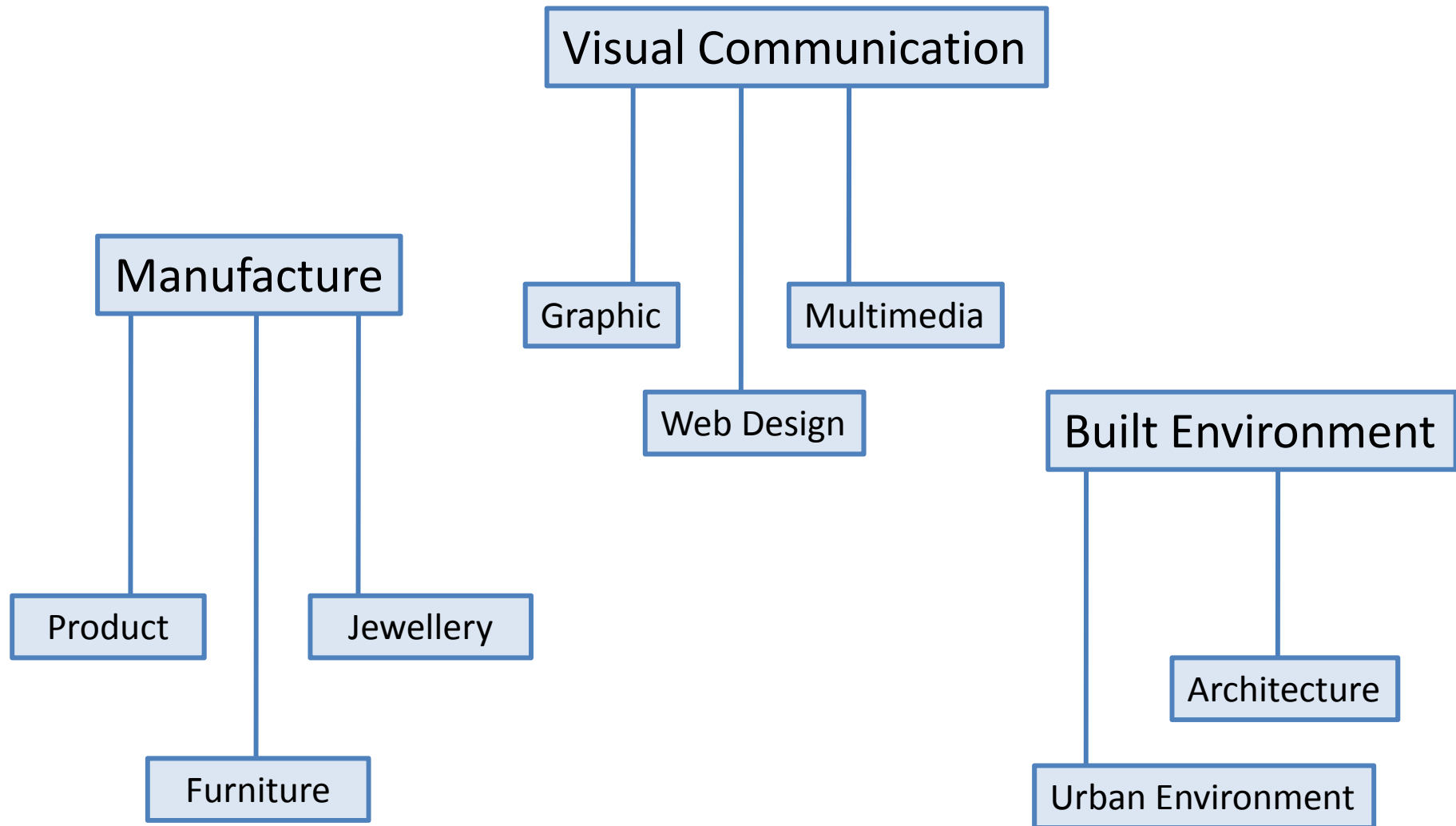


listen...

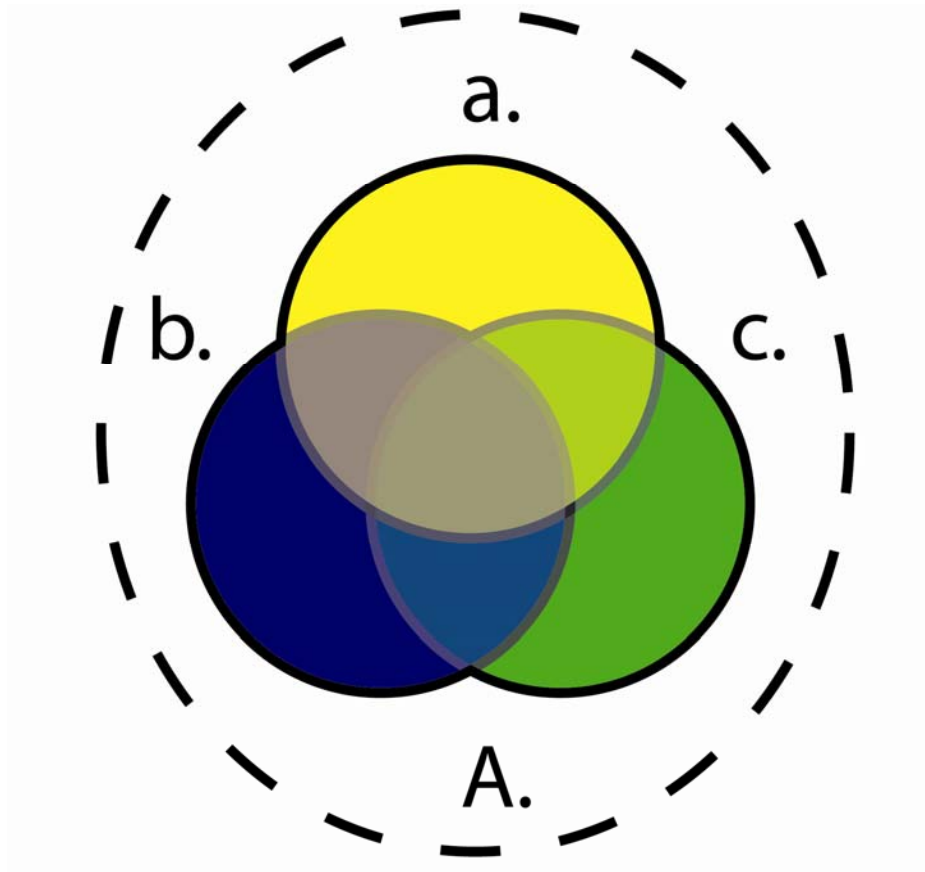


share...

- PhD candidate at Edinburgh Napier University
- Exploring contemporary interaction design through the study of hybrid art and design studios
- Research *into* design through a range of *qualitative methods*, following a *case study* approach

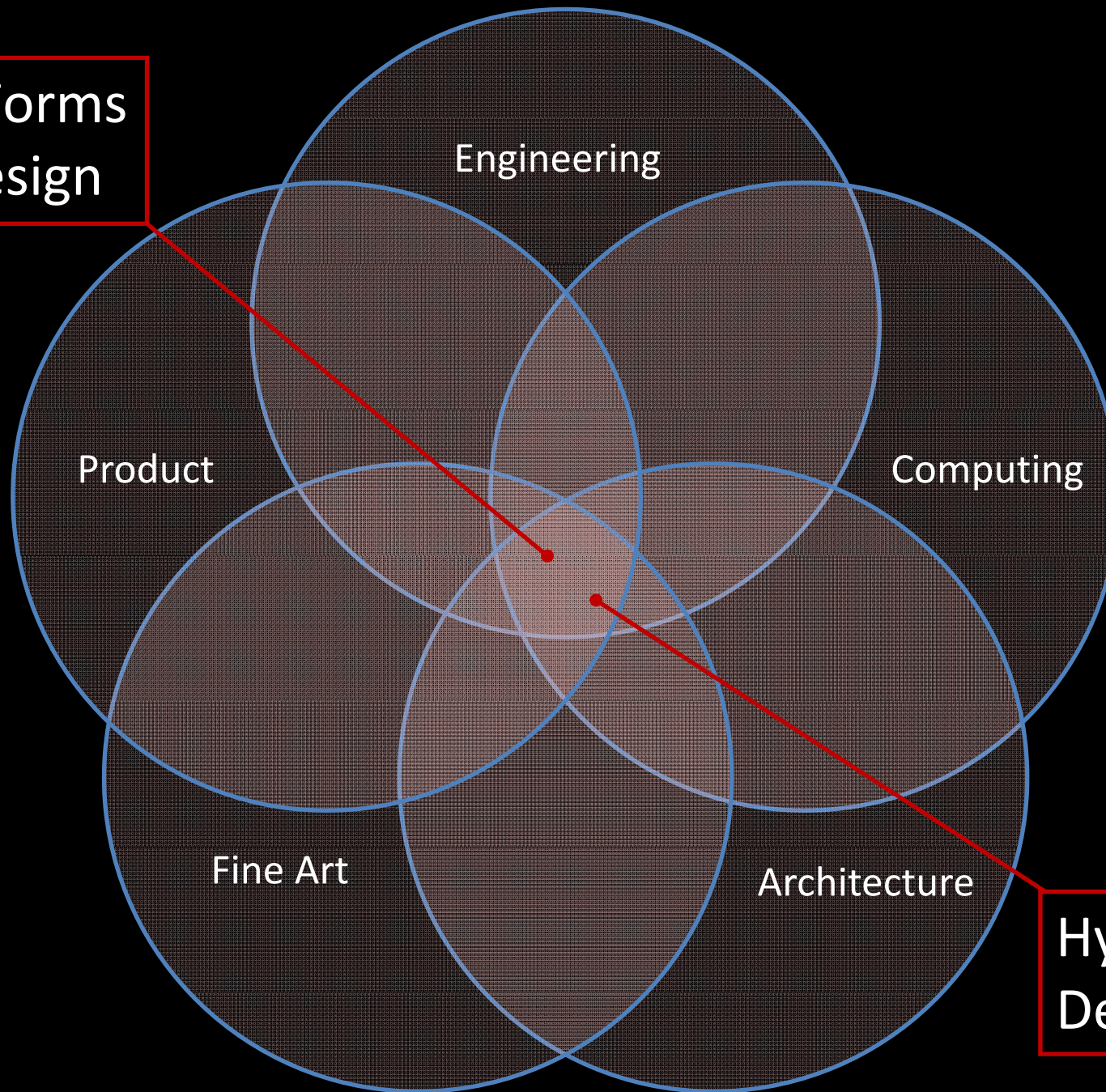


_Transdisciplinary



- Extreme version of work across disciplines
- New genres of practice
- Total hybrid
- A is at once across, beyond and between any discipline a, b or c.

New Forms
of Design



Hybrid
Designers



moritz waldemeyer...



greyworld...

Democratisation of Technology

- *Democratising Innovation* – Eric Von Hippel (2005)
- Software, tools and manufacturing have become increasingly *more accessible*
- A *lowered cost* and *innovation communities* are encouraging the uptake of new mediums...

Innovation Communities

- Include sites such as MAKE magazine and forums on technologies, such as Arduino...
- MAKE magazine: “*devoted entirely to DIY technology projects, MAKE magazine unites, inspires and informs a growing community of resourceful people who undertake amazing projects in their backyards, basements and garages*”.

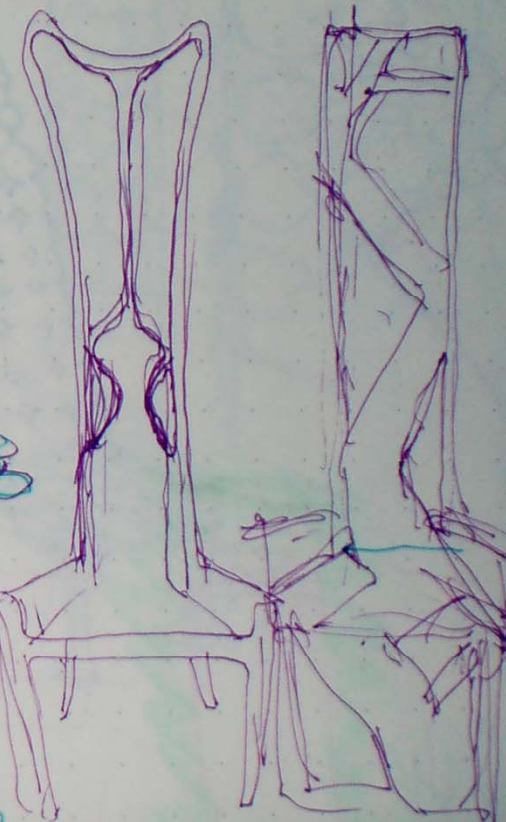
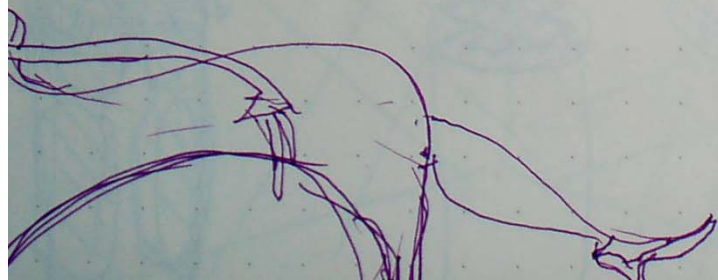
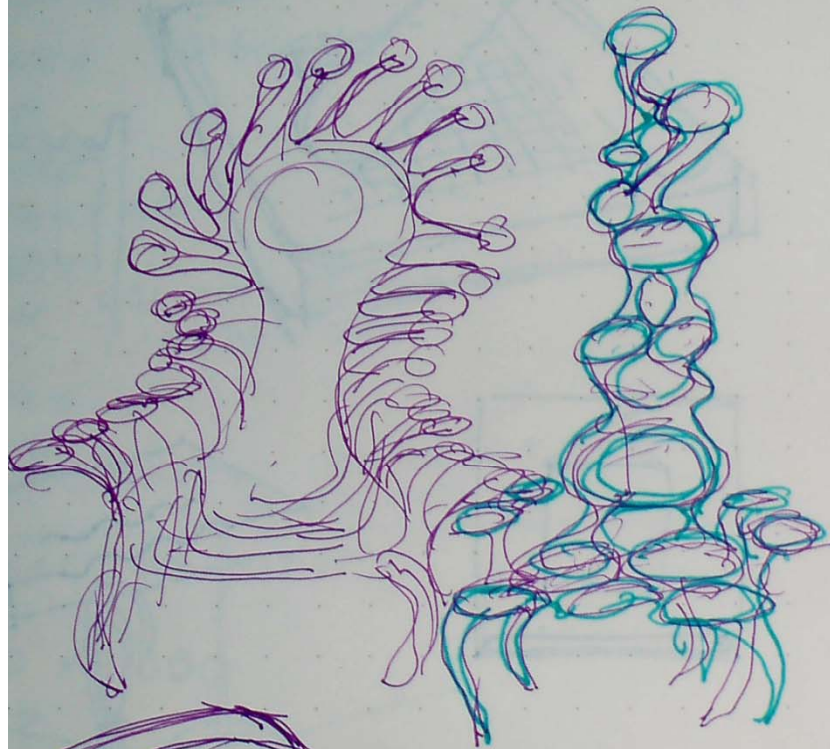
creative process...



moritz waldemeyer...

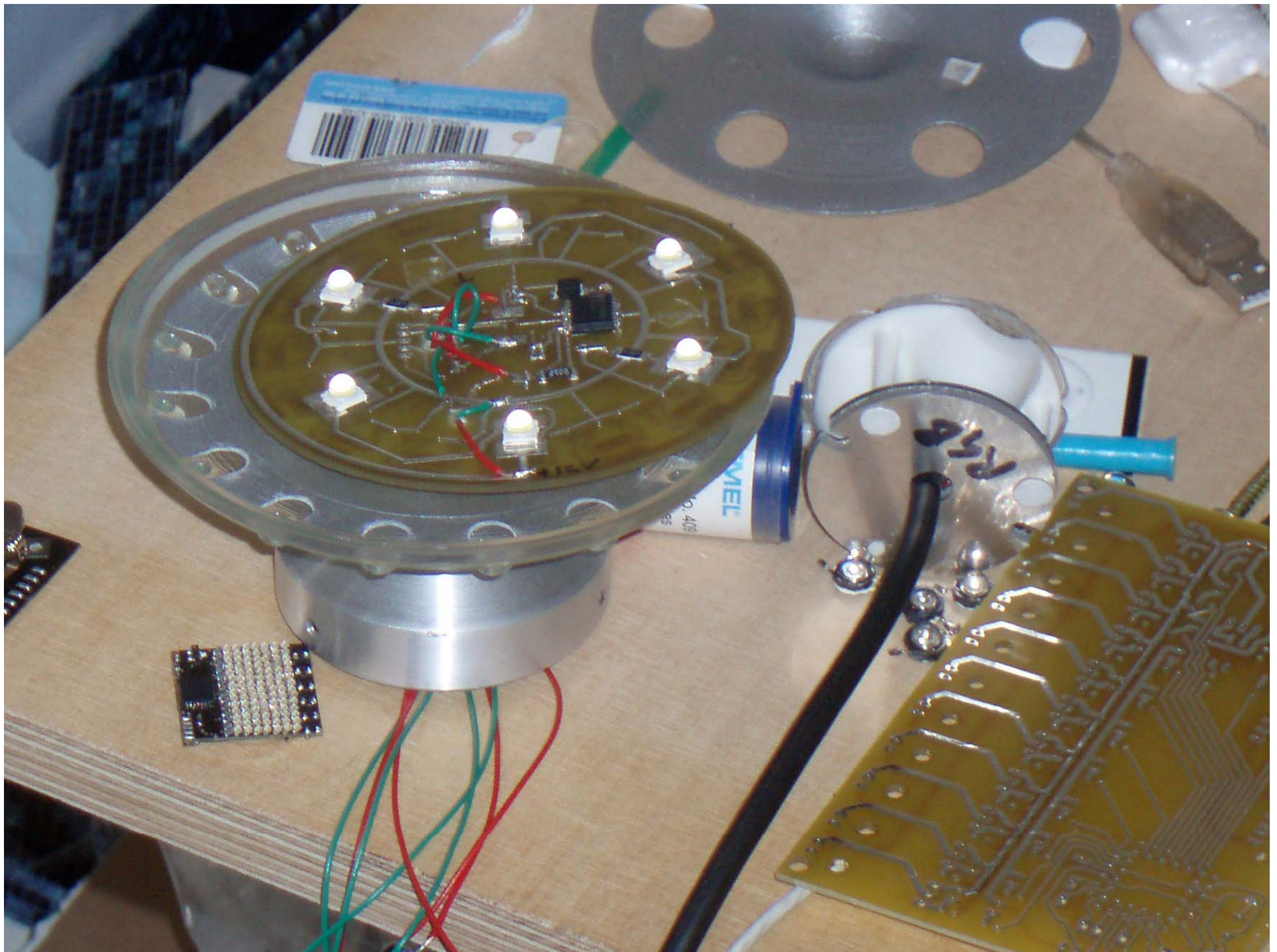


- 5 days long
- Research while participating i.e. helping when required
- Observation and semi-structured interviews
- Overall the research hopes to build a *multiple-case approach*, allowing *cross-case analysis*



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Hands-on Approach

- Important to Waldemeyer was a *hands-on* approach
- Having worked with electronic engineers Waldemeyer found they struggled to fulfil his vision of a concept
- Ideas were not easily interpreted and often developed while creating prototypes
- This hands-approach was important in Waldemeyer being able to express his *own vision* for a project
- The approach facilitates an intuitive and holistic approach where he can ensure his aesthetic vision is foreseen

Future Work

- Refine the focus of this study
- Get other designers involved
- Generate multiple and in-depth case studies
- Will contribute to our knowledge of contemporary interaction design
- Inform education and professional practice