

2023-2024

BA/MA Theses & Research Training Topics

(this list is not complete – feel free to come with your own ideas)

Cross-Media Information Spaces and Architectures

- Cross-Device User Interfaces
 - End-user UI development
 - Human-AI interaction
- Office of the Future
 - Mixed Reality in Personal Information Management
- Technology-enhanced Learning
 - Personalised learning environments
 - Study lenses
 - MindXpres presentation platform
- Internet of Things (IoT)
 - Intelligibility in cross-platform IoT



Data Physicalisation and Mixed Reality

- Data Physicalisation
 - Tangible hologram platform (based on HoloLens)
 - Dynamic data physicalisation framework
 - Extensible data physicalisation hardware platform
- Mixed Reality Solutions
 - Tangible interaction design
 - Augmented concept maps and collaborative work

Interactive Paper and Cross-Media Interaction

- Interactive Paper
 - PaperPoint presentation tool
- Smart Homes
 - Context-aware ambient intelligence
- OpenHPS
 - Hybrid positioning solutions

