



School of Computing, Engineering, and the Built Environment Edinburgh Napier University

PHD STUDENT PROJECT

Funding and application details

Funding status: Self funded students only

Application instructions:

Detailed instructions are available at <https://blogs.napier.ac.uk/scebe-research/available-phd-student-projects/>

Prospective candidates are encouraged to contact the Director of Studies (see details below) to discuss the project and their suitability for it.

Project details

Supervisory Team:

- DIRECTOR OF STUDY: Ingi Helgason (Email: i.helgason@napier.ac.uk)
- 2ND SUPERVISOR:

Subject Group: Applied informatics

Research Areas: Computer Science: Human Computer Interaction, Computer Science: Videogames, Communication & Media Studies: Digital Media, Creative Arts & Design: Other

Project Title: Designing Interactive Digital Storytelling Experiences

Project description:

This research project will investigate questions around new forms of digital storytelling, with a focus on the creative design of interactive narrative experiences.

Innovations in digital technologies for media production and consumption are opening up opportunities for creatives to design new forms of interactive experiences underpinned by storytelling and narrative approaches. New platforms and tools are reducing the technical overhead that is associated with the production of media to be experienced either in public performance situations or on individual

devices, for entertainment or education. These opportunities raise questions around new forms of creative practice, and understandings of audience context and experience.

This research project would suit an applicant with interests in some or all of the following: creative storytelling, narrative theory, interaction design, Human Computer Interaction (HCI), User Experience (UX), creative digital design, immersive technologies, transmedia storytelling.

References:

- [1] Janet H. Murray. (2018). Research into Interactive Digital Narrative: A Kaleidoscopic View. In: Rouse, R., Koenitz, H., Haahr, M. (eds) Interactive Storytelling. ICIDS 2018. Lecture Notes in Computer Science(), vol 11318. Springer, Cham. https://doi.org/10.1007/978-3-030-04028-4_1

Candidate characteristics

Education:

A first-class honours degree, or a distinction at master level, or equivalent achievements in Digital Media, User Experience, Interaction Design

Subject knowledge:

- Interaction design
- Human Computer Interaction (HCI),
- User Experience (UX)
- Creative digital design
- Immersive technologies

Essential attributes:

- Experience of fundamental aspects of creative media practice
- Competent in creative media production
- Knowledge of theories around narrative and storytelling