

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/sceberesearch/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: Kay Jin Lim (Email: K.Lim@napier.ac.uk)
- 2ND SUPERVISOR:

Subject Group: Engineering & mathematics

Research Areas: Pure Mathematics

Project Title: Representation Theory of Finite-Dimensional Algebras

Project description:

We invite applications from prospective PhD students with a keen interest in the representation theory of finite-dimensional algebras. The primary focus is on algebras which are related to symmetric groups or, in a broader context, Coxeter groups.

Candidate characteristics

Education:

A first-class honours degree, or a distinction at master level, or equivalent achievements in Mathematics with a good fundamental knowledge in Algebra.

Subject knowledge:

Algebra

Essential attributes:

- Knowledge of Pure Mathematics especially Algebra
- Good written and oral communication skills
- Strong motivation, with evidence of independent research skills relevant to the project
- Good time management