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Department	School of Engineering and the Built Environment
Supervisors	Proessor Mark Deakin and Dr Temidayo Osunsanmi
Funding Status	Funded PhD Project (Worldwide)
Application Deadline	14/04/2022
Project Title	Modelling the drivers for real estate valuation practise in the metaverse

PROJECT DESCRIPTION

The metaverse has been a source of attraction for researchers and practitioners due to the growth of virtual and augmented reality. The metaverse will function as a real society that supports direct physical interactions. Amongst the activity in the metaverse is the acquisition, purchase and valuation of real estate. Unfortunately, the conventional valuation practices available to real estate surveyors cannot determine the value of properties in the metaverse. This created the need for modelling the drivers of real estate valuation practise in the metaverse. The PhD aims to create an enabling environment for the best practice of real estate surveyors in the metaverse. The student is expected to understand simulation techniques and the effective use of structural equation modelling software like AMOS, SmartPLS and others.

Academic qualifications

A first degree (at least a 2.1) ideally in Real estate surveying, construction management, Quantity surveying, computer science or any realeated field with a good fundamental knowledge of Real estat evaluation, simulation techniques, statistical analysis.

English language requirement

IELTS score must be at least 6.5 (with not less than 6.0 in each of the four components). Other, equivalent qualifications will be accepted. Full details of the University's policy are available online.

Essential attributes:

- Experience of fundamental simulation techniques
- Competent in the use of statistical software
- Knowledge of AMOS,SmartPLS
- Good written and oral communication skills
- Strong motivation, with evidence of independent research skills relevant to the project
- Good time management

Desirable attributes:

Good communication skills, time management and curiosity to learn something new

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Indicative Bibliography	Real estate, information management system, metaverse, Fourth industrial revolution
Funding notes	This project may be funded by a scholarship of the School of Engineering and Built and Environment. Please see School-funded PhD scholarships - RESEARCH AND INNOVATION (napier.ac.uk) for information on the scholarships and how to apply for them.
Enquiries	For informal enquiries about this PhD project, please contact Edinburgh Napier University websites
Web page	https://www.napier.ac.uk/research-and-innovation/research-degrees/application-process

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