**Supervisory team**
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**Director of Studies**
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**Research Group: Digital Innovation & Intelligent Systems Research Group**

**The PhD Opportunity**
Although digital technologies bring benefits to many people, there are some groups, such as older people, people without jobs, or people with disabilities, who potentially face greater barriers to digital inclusion.  As daily living switches to digital technologies and the internet, such groups face increased risk of social isolation, security vulnerabilities and exclusion from work or commerce.

There are two strands of focus which the researcher could follow:

- Determining the scale, causes or impacts of digital exclusion.

- Determining options to either remove the digital divide or to counter its negative

- a comprehensive Researcher Development Programme for students and their supervisors
- a programme of student-led conferences and seminars

## Research Group / Unit / Centre

### Digital Innovation and Intelligent Systems Research Group

The Digital Innovation Research Group is focussed on the application of intelligent systems to real world problems. This incorporates the design, creation and research of technological systems that dynamically respond to the world around them to address practical issues in a wide variety of applied domains. This includes computational approaches such as machine learning, artificial intelligence, modelling and simulation, data mining and pattern recognition.

Intelligent Systems are becoming more important in everyday life as their use expands and adoption increases. With this expansion comes many key challenges that must be addressed as new application areas are found.

### Widening Participation

As part of its mission statement the University is committed to widening participation for its higher degrees. Although most candidates will have an undergraduate and/or a Masters degree, the University is happy to accept applications from candidates with relevant professional qualifications and work related experience.

**For further information** or an informal discussion on this project, please contact Andrew Tomlinson (Director of Studies) via email at a.tomlinson@worc.ac.uk