New Structured PhD in Software Engineering

If you’re interested in:
• A leading-edge curriculum drawn from four of Ireland’s leading universities
• Access to a critical mass of world-class software researchers who form an expert advisory board for each student
• Generous PhD studentships covering stipend, equipment and fees – awarded on a competitive basis
• Ability to leverage your research collaborations with leading research institutions and industry worldwide

This is the course for you
The Lero Graduate School in Software Engineering (LGSSE), the main education initiative of Lero - the Irish Software Engineering Research Centre, offers a four-year PhD programme provided jointly by the four leading Irish Universities involved in Lero (Dublin City University, Trinity College Dublin, University College Dublin and University of Limerick). The next LGSSE programme cycle begins in September 2009. The first year includes taught modules in research theory and practice, as well as technical software engineering modules. Also during the first year the candidate will prepare a research proposal that will be the basis for a three-year individual research project.
In this way LGSSE combines the best features of the European and US models of PhD education.

Visit our website at: www.lgsse.ie
Aims and Objectives of the Programme:
The goal of this programme is to:
• Complement and extend the traditional PhD model by institutionalising the best of international practice in software engineering graduate education
• Connect software engineering graduate education to proven industry and research strengths in Ireland and abroad
• Create an industry-friendly graduate programme which would leverage technology advances to cater for remote attendance and joint supervision, registration at local universities
• Establish Ireland’s reputation as one of the key locations worldwide to pursue software engineering graduate education

Why study at LGSSE
The software industry is of critical strategic importance to Ireland. It has been the principal contributor to economic success and continues to grow significantly each year. This success is reflected in the fact that the top 8 software companies globally have very significant operations in Ireland. Ireland is also very much to the forefront in software research. One of the classic papers in the field, Fred Brooks ‘No Silver Bullet’ paper was first presented at a conference in Ireland (IFIP 1986). The premier International Conference on Software Engineering (ICSE) was held here in 2000, as was the European Conference on Information Systems (twice - 1997 and 2008), as well as a host of other major software related conferences.
Software research in Ireland was supported first by the EU but expanded greatly under Science Foundation Ireland.

Entry requirements (one of the following):
• At least a 2.1 honours (or equivalent) computer/engineering-related bachelor’s degree.
• At least a 2.1 honours (or equivalent) bachelor’s degree in a non-computing (preferably a numerate) related subject, together with at least five years’ software-related work experience.
• A computer/engineering-related master’s degree
• A master’s degree in another domain, together with at least five years’ software-related work experience.

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