



**Welcome to the latest edition of the information sharing newsletter from the Maynooth University Commercialisation Office. Our goal is to share relevant market news and activities on the commercialisation of Maynooth University research. We hope you enjoy this newsletter.**

Photo courtesy of Maura Boyle.

**For more information visit:**

**[www.maynoothuniversity.ie/commercialisation](http://www.maynoothuniversity.ie/commercialisation)**



## **HAMILTON INSTITUTE'S PROF KEN DUFFY**

Founded in 2001 with support from Science Foundation Ireland, the Hamilton Institute has been internationally recognised for its work across communication networks, mathematical biology and fundamental mathematics.

Current areas of interest for the institute include the improvement of privacy in online systems, the application of probability to immunology and the enhancement of randomised network protocols.

Prof Ken Duffy is the institute's director. Ken is a professor of Applied Mathematics and through the Institute he works in collaboration with scientists and engineers, bringing mathematical expertise to multidisciplinary teams to study, understand and exploit systems. With a focus on the broad application of probability and statistics, Ken has published in mathematical, engineering and scientific journals. He has ongoing collaborations with colleagues at Rutgers University on DNA forensics, at Institut Curie and Imperial College London on haematopoiesis, at the Massachusetts Institute of Technology on information theory, and at the Walter and Eliza Hall Institute of Medical Research on immunology.

Building on a number of significant successes since founding, an expanding Hamilton Institute continues to tackle complex questions across multiple areas of research and industry.

## MAYNOOTHWORKS DEVELOPMENT AND PARTNERSHIP PROGRAMMES

MaynoothWorks, opened in September 2015, is now fully occupied, and we expect it to continue to be a focus for regional incubation of High Potential Start-ups (HPSU) with a strong link to MU research, our facilities, our campus and our students. As companies reach their maturity in the centre and move on we should try to ensure that our pipeline of clients continues to grow and benefit the local and national economy. Part of our plan to support this will be via a MaynoothWorks expansion plan, allowing us to develop local partnerships, expand our reach, and provide solutions to our MaynoothWorks on-campus clients as they expand. Specifically it involves the development of "MaynoothWorks" as a brand and not only as the current location on campus. That brand is a core part of the current offering and represents the partnership with MU, why it works as a location and the benefits to being a client of MaynoothWorks. MaynoothWorks as a brand means proximity to MU in all senses: being a technology led company; having HPSU potential; having access to our facilities, programmes and research collaboration; having access to the various investment funds; having access to all the benefits of the on-campus MaynoothWorks clients and enjoying the benefits of the full MaynoothWorks incubation programme. MaynoothWorks is thus much more than a physical location.

Our first success in the development of this concept was announced recently. The proposed Mid East Region Innovation Think Space (MERITS), developed between Kildare County Council and MU, recently won funding of €2m from Enterprise

Ireland. MERITS will provide incubation space for new start-up companies and will serve the emerging technology sector by connecting organisations and people, building market relevant solutions in addition to acting as a centre of excellence in supporting innovation within the small businesses across the region, and will employ the MaynoothWorks programme in partnership with MU. Outlining the plans the Chief Executive of Kildare County Council Mr. Peter Carey explained the background to the project: "Our direction has been influenced by the increased demand on the Mid East Local Enterprise Offices from the emerging technology sector for support in their development, the increase in demand from small businesses for support in innovation, the success of MaynoothWorks and a number of actions laid out in the Mid East Action Plan for Jobs in the Kildare County Plan 2017 - 2023. In collaboration with Maynooth University and a number of other agencies we want to continue to develop Kildare as a digital/innovative economy hub and a leadership "hot spot" by building on an existing critical mass in the IT and digital/tech sector, and attracting further investment into the County. This announcement provides immense opportunity to deliver on this."

In addition to this exciting regional partnership, MU has also recently signed an agreement with University of South Florida (USF) business park to develop a partnership that will allow MaynoothWorks clients the possibility to explore either (a) short stays at USF business park to develop a US market strategy and explore US location, or (b) full location at the business park, as an entry to the US market. In parallel, MaynoothWorks here will welcome similar USF clients to explore their entry to Ireland and Europe.

## SAVE UP TO 80% OF RESEARCH & DEVELOPMENT COSTS FOR YOUR COMPANY

### ENTERPRISE IRELAND INNOVATION PARTNERSHIP PROGRAMME 2018

The Enterprise Ireland Innovation Partnership Programme provides **funding support of up to 80%** of the cost of your company R&D project

Developed to **drive and support companies** in Ireland - collaborate with talented researchers in Irish Universities and HEI's to deliver innovative R&D projects.

**Straightforward application process** which we can help you with - proposals accepted monthly via Enterprise Ireland's website. <https://www.enterpriseireland.com/en/Funding-Supports/Researcher/Funding-to-Collaborate-with-Industry-in-Ireland/Innovation-Partnerships.shortcut.html>

#### To discuss options/collaborations please contact:

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