

March on Technology

Seminar Series March 31st

Speakers:

David Prendergast - Intel

“Smartcities and The Internet of Things”

Brian Stone – DCU

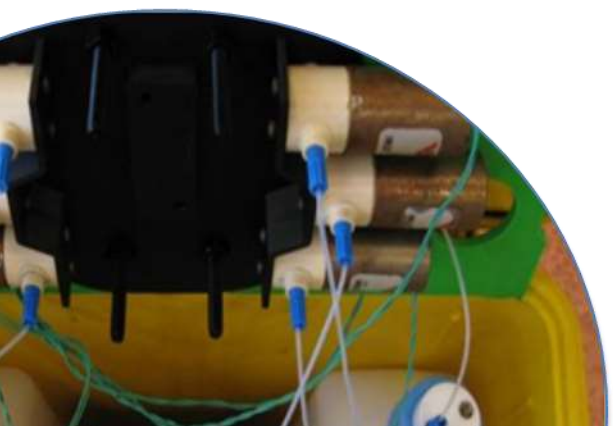
“Assessing fish populations and diversity using a Fish Aggregating Device with computerised analysis of underwater images and video”.

Jimmy Murray – Seasafari

“The Dynamics of Dublin Bay”

Christine Loscher – DCU

“Marine mining in search of novel anti-inflammatory drugs”





Biographies

David Prendergast



David Prendergast is a social anthropologist and a Principal Investigator in the Intel Collaborative Research Institute for Sustainable Connected Cities with Imperial College and University College London. He also holds the position of Visiting Professor of Healthcare Innovation at Trinity College Dublin. His research over the last fourteen years has focused on later life-course transitions and he has authored a number of books and articles on ageing, health, technology and social relationships. During his career David has been involved in several major research projects including: a multi-year ethnography of intergenerational relationships and family change in South Korea; the provision of paid home care services in Ireland; and a three year ESRC study into death, dying and bereavement in England and Scotland. After receiving his PhD from Cambridge University, Dr Prendergast held research posts at the University of Sheffield, and Trinity College Dublin.

David began working with Intel in 2006 attracted by the opportunity to utilize social research to design and develop culturally appropriate technologies. In recent years, David has been involved in a diverse range of research initiatives from the Global Ageing Project which explores the expectations and experiences of health and ageing around the world, to Irish and EU studies on pathways into health and social care, active retirement communities, loneliness, sleep and activity patterns, behavioural change, and social entrepreneurialism .



Brian Stone



Brian Stone is a lecturer in the School of Computing since 1993 with a background in Software Engineering, Communications Protocols, Operating Systems and Image Analysis. Brian holds diplomas in Geo Surveying from DIT and BSc and MSc degrees in Computing from DCU. He is also a highly experienced Scuba diver and underwater photographer with advanced diving instructor qualifications from CFT and CMAS. He has carried out marine archaeology surveys for the Dept. of the Environment which have been published. He is also founder of the DCU Sub Aqua Club.

Jimmy Murray



Born in the fishing village of Ringsend in 1958, Jimmy has spent the last 30 years working in maritime related industries within the environs of Dublin Port and Dublin Bay, Based on his experience he has designed and produced, in conjunction with Dublin Port Company, a safe passage guideline booklet relative to access and egress to and from the Port.



Christine Loscher



Prof Christine Loscher completed her PhD in Immunology at NUI, Maynooth in 2000 and was awarded a Health Research Board Fellowship to pursue her postdoctoral studies at Trinity College Dublin. In 2003 she moved to the Institute of Molecular Medicine at St James Hospital to continue her research and then was appointed to a permanent academic position at DCU in 2005. Since then she has established the Immunomodulation Research Group which has a focus on translating how modulation of the immune response has health benefits. She has developed significant expertise in commercial research and industry engagement and has secured over €4M in external funding (€450K directly from industry) for her research. She is a Principal Investigator in Food for Health Ireland research consortium and also has a significant commercialisation programme in the discovery of novel marine compounds as anti-inflammatories. She has secured 2 rounds of funding from Enterprise Ireland for the commercialisation of a novel anti-inflammatory compound which has just reached formulation stage. Furthermore she was recently awarded a large grant from the Dept of Agriculture for a new marine mining project.

Prof Loscher also holds a number of leadership roles within DCU. She is currently the Director of the BioAT Programme, a €5.6M multi-disciplinary graduate training and research programme spanning 6 academic institutions. She is the Academic Lead on DCU's recently completed Nano-BioAnalytical Research Facility and in 2014 was appointed as the Director of the Health Technologies Research & Enterprise Hub at DCU and was named in Silicon Republic's top 100 women in STEM. Along with graduating 9 PhD students she currently leads a research group of 9 researchers and has 25 national and international collaborators.



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