

EGA Corporate Members



Engineering Research, Innovation
and Job Creation



Mary Mitchell O'Connor TD
Minister for Jobs, Enterprise & Innovation
Keynote Speaker

Thursday, 6th October 2016 at 6pm

William Jefferson Clinton Auditorium, UCD, Belfield

Chaired by EGA President PJ Rudden

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Biographies



Professor Orla Feely, UCD Vice President for Research, Innovation & Impact

Ireland's engineering research landscape

Professor Orla Feely is Vice President for Research, Innovation and Impact and a Professor of Electronic Engineering at University College Dublin. She holds a BE degree from University College Dublin and MS and PhD degrees from the University of California, Berkeley, where her PhD thesis won the DJ Sakrison Memorial Prize for outstanding and innovative research. While at UC Berkeley, she also won the Outstanding Graduate Student Instructor Award. She leads a research group in nonlinear circuits and has been awarded research grants and prizes from a number of national, international and industry sources. Professor Feely is a Member of the Royal Irish Academy and a Fellow of the IEEE (Institute of Electrical and Electronics Engineers), Engineers Ireland and the Irish Academy of Engineering. She has served as Chair of the Irish Research Council and is a director of the Young Scientist and Technology Exhibition. She is Chair of the EU Horizon 2020 Advisory Group on Marie Skłodowska Curie Actions and is also a member of the Higher Education Authority.



Dr. Martin Curley, Professor of Innovation at Maynooth University and Former Vice President Intel

Importance of the research ecosystem for nurturing innovation & growth

Dr. Curley is Founder and Co-Director of the Innovation Value Institute, a broad industry-academic open innovation research consortium and he is Professor of Innovation at Maynooth University. He is the chair of the EU Open Innovation and Strategy Policy group which is driving the further development and adoption of the Open Innovation paradigms in Europe. Previously he was Vice President at Intel Corporation and Director of Intel Labs Europe, the company's network of more than 40 research labs, development centres and open innovation collaborations in the European region. He led Intel's research and innovation engagement with the European Commission and the broader European Union research ecosystem. Previously, he was Global Director of IT Innovation at Intel. Before joining Intel in 1992, he held management and research positions at General Electric in Ireland and at Philips Electronics in the Netherlands. He has a bachelor's degree in electronic engineering and a master's degree in business studies, both from University College Dublin, and Ph.D. from NUI Maynooth.



Professor Eoin Casey, Co-Founder OxyMem

10 things I have learned about the commercialisation of university research towards job creation

Professor Eoin Casey is Co-Founder of start-up company OxyMem and Head of the UCD School of Chemical and Bioprocess Engineering. His research group has a particular expertise in membrane filtration systems. This research underpins an applied programme aimed at developing new and improved technologies for the process industries. OxyMem Ltd is a UCD spin-out company which has developed a unique membrane-based disruptive technology for the water industry. OxyMem systems are now deployed worldwide and the company has won numerous awards including Innovation of the Year at the Irish Lab Awards (2013), Innovation of the Year at the 2014 Irish Times InterTrade Ireland Innovation Awards (2014), overall winner at the Intellectual Property Awards (2014), Knowledge Transfer Ireland, Spin-Out Company Impact Award (2015). Significant personal awards and achievements include a European Research Council starting grant (2011), Fellowship of the IChemE (2014), SFI Investigator (2016).



Helen McBreen – Investment Director, Atlantic Bridge

Supporting a vibrant ecosystem for investment and jobs

Dr Helen McBreen is Investment Director at Atlantic Bridge, Ireland's largest and one of Europe's top performing growth technology funds investing in companies in Europe, the US and China. Today, Atlantic Bridge has over \$500m assets under management across five Funds and has a proven international investment platform that has been applied to build global companies such as Movidius, Metaio, Swrve, 3DR Robotics and Fieldware. Launched in June 2016, Helen manages and operates the most recent high profile investment fund at Atlantic Bridge. The University Bridge Fund is a €60 million fund specifically for early stage companies with global potential that are built from world class research generated at UCD, Trinity and all third level research universities and institutions. Over the next five years the University Bridge Fund will invest in high potential spin-outs and start-ups emerging from the third level ecosystem to build global companies of scale across key growth sectors. Since graduating from UCD in Electronic Engineering in 1998 and earning a Ph.D. in Engineering from The University of Edinburgh.