

Academics and Industry partners awarded funding

Research Body	Proposal Title	Researcher	Industry Partner
University College Dublin	Toward an Eco-Friendly Heat Treatment Process for Steel Wire	Emad Tandis	Bekaert
University College Dublin	Development and application of process analytical technology (PAT) tools for in-line monitoring of milk powder reconstitution processes	Ming Zhao	Lakeland Dairies Co Operative Society Ltd.
RCSI University of Medicine and Health Sciences	BreaSt CancEr ImmuNe EcoSystem-derived T Cell ThErapy (SENSE)	Petra Jagust	Remedy Biologics Ltd.
National University of Ireland Galway	Sustainable Additive Manufacturing of Orthopaedic Implants	Eimear O'Hara	Zimmer Biomet
University College Dublin	Investigation of High Gain Circularly Polarized Antenna with Wide Beamwidth for Low Power Wide Area Network	Xiulong Bao	Antenna Company
Trinity College Dublin	Reflective Spectroscopy Probe	Jorge Garcia	Miravex
Trinity College Dublin	Surface Finishing of 3-D Printed Implant Devices and Instruments	Daire Tyndall	De Puy Ireland Unlimited Company
Athlone Institute of Technology	Recovery of PEEK recyclate for use in orthopaedics	James Murray	De Puy Ireland Unlimited Company
University of Limerick	Fabrication and Characterization of Silicon based Biointerfaces for Biosensor Application	Balasubramaniam M	Analog Devices, Inc.
University College Cork	Adaptation of wave structure interaction modelling to characterise the	Majid Bhinder	Dublin Offshore Consultants Ltd.

	performance of a novel mooring optimisation device for floating offshore wind		
Trinity College Dublin	Aeroacoustics Noise Modelling, Measurement and Prediction to standardise HDD-Chassis interactions used in large-scale Data Centres	Sahan Wasala	Seagate Technology LLC
RCSI University of Medicine and Health Sciences	Preparation of 18F or 19F labelled RNAs via 4'-F and 2'-F-deoxyribose nucleotides and their precursors	Karen Fox	KelAda Pharmachem Ltd.
National University of Ireland Galway	Putting the Bio in Biosensing: Bioassay Development for a Silicon-based Electrical Transduction Platform	Marie Le Berre	Analog Devices, Inc.
Tyndall National Institute	Design and fabrication of a novel highly localised drug delivery device for Photodynamic Therapy	Walter Messina	Boston Scientific
University of Limerick	Selective Delayering of Low-geometry Materials by Plasma FIB Dx Chemistry for the Failure Analysis of Magnetic Sensors	Ibrahim Saana Amiinu	Analog Devices, Inc.
Trinity College Dublin	Assessment of coastal evolution and vulnerability along County Wicklow using geospatial techniques	Sojan Mathew	Gavin & Doherty Geosolutions Ltd. (GDG)
Trinity College Dublin	Anti-Corrosion Sol-Gel Based Coatings for 3D Printed Ceramic and Metal Substrates	Sudhakara Naidu Neppalli	Kastus Technologies
National University of Ireland Galway	Mechanical Behavior of Recycled Carbon	Akash Pisharody	EireComposites Teo

	Fiber Composites Subject to Hygrothermal Exposure		
University of Limerick	Development of Advanced Coating and Masking Technologies for Bioactive 3D-Printed Implants (MaskBio)	Ahmad Ziaee	De Puy Ireland Unlimited Company
University College Dublin	End-User Considerations in the Transition to a Green Gas Network	Mohammad Ali Ekhtiari	Gas Networks Ireland
University College Dublin	xSymGen: A Symptom Generation Framework for SAIN using xAI	Shen Wang	Huawei Technologies (Ireland) Co., Ltd
Trinity College Dublin	Development of novel analysis technology for rapid detection of infectious particles	James Duffy	Cellix
University College Dublin	Floating Offshore Wind: Site Characterisation Framework (FLOWSiChaF)	Srikumar Roy	Gavin & Doherty Geosolutions Ltd. (GDG)
National University of Ireland Galway	The Next-Gen VR-driven Serious Communication & Collaboration Hybrid Infrastructures for Business	Lukasz Porwol	Fidelity Investments Ireland
University of Limerick	Can the evolution of depth cameras enable holographic interaction?	Lilian MottiAder	Analog Devices, Inc.
Waterford Institute of Technology	Recyclability of metallic Titanium powders for 3D printing of biomedical products	Nima E. Gorji	Boston Scientific
National University of Ireland Galway	Goal-oriented Chatbots optimisation with Reinforcement Learning	Jamal Nasir	Fidelity Investments Ireland