

Ulysses Awardees 2022

Project Title	Project Leader (Irl)	HEI	Project Leader (Fra)	HEI	Strategic Funding Partners
Hierarchical neural mechanisms of musical statistical learning	Giovanni M. Di Liberto	Trinity College Dublin	Yves Boubenec	Ecole Normale Supérieure	IRC / French Embassy
Multi-wavelength studies of gamma-ray binaries.	Maria Chernyakova	Dublin City University	Andrii Neronov	University of Paris	IRC / French Embassy
Engineering animal-free accurate models of the annulus fibrosis in vitro using morphometrical data applied to the 4D deposition of melt electrowritten fibres to achieve true anisotropy and lamellar orientations	Michael Monaghan	Trinity College Dublin	Catherine Le Visage	Inserm U1229, Regenerative Medicine and Skeleton RMeS, - University of Nantes	IRC / French Embassy
Gene expression profiling of highly virulent clinical <i>Acinetobacter baumannii</i> isolates	Carsten Kröger	Trinity College Dublin	Suzana Salcedo	Institute Molecular Microbiology and Structural Biochemistry, CNRS UMR6086 and University of Lyon	IRC / French Embassy
Sustainable biogenic synthesis of metallic nanoparticles on carbon for electrocatalysis	Paula Colavita	Trinity College Dublin	Frederic Barriere	University of Rennes	IRC / French Embassy
Digitising the remains of ancient Celtic languages: Gaulish in RIIG, Primitive Irish in OG(H)AM, and Cisalpine Celtic in LexLep	David Stifter	Maynooth University	Coline Ruiz-Darasse	Université de Bordeaux, Montaigne	IRC / French Embassy
Universal Approximation in Spaces of Analytic Functions	Myrto Manolaki	University College Dublin	Stéphane Charpentier	Aix-Marseille Université	IRC / French Embassy
Quantifying the factors limiting rate performance in supercapacitor electrodes	Jonathan Coleman	Trinity College Dublin	Thierry Brousse	Nantes Université	IRC / French Embassy
Genetic and of demographic comparison between insular and continental invasive populations of <i>Rhododendron ponticum</i> L.	Fraser Mitchell	Trinity College Dublin	Guillaume Decocq	Jules Verne University of Picardie	IRC / French Embassy
The effect of consumption temperature on the gastric digestion of milk	Andre Brodkorb	Teagasc	Steven Le Feunteun	INRAE	IRC / French Embassy
Technical Debt is an Ethical Issue	Damian Gordon	Technological University Dublin	J Paul Gibson	Telecom Sud Paris	IRC / French Embassy
Towards an exact description of spin relaxation in Lanthanide complexes	Alessandro Lunghi	Trinity College Dublin	Boris Le Guennic	University of Rennes 1	Eirgrid / RTE
Out of the Shell: establishing partnerships to transform our understandings of Mesolithic shell midden sites in French Brittany and Ireland	Graeme Warren	University College Dublin	Grégor Marchand	Centre National de la Recherche Scientifique (CNRS)	Eirgrid / RTE

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Swarms of Drones for Intelligent Structural Health Monitoring of Wind Power Plants	Fatemeh Golpayegani	University College Dublin	Guthemberg Silvestre	Ecole Nationale de l'Aviation Civile	SEAI / ADEME
Do transitions change political governance in the energy sector? Comparative analysis of policy making in France, Ireland and Germany	Louise Fitzgerald	Maynooth University	Angelique Palle	Institute for Strategic Research (IRSEM Paris)	SEAI / ADEME
Cell-monitored scale up of the generation of extracellular vesicles	Meadhbh Brennan	National University of Ireland Galway	Eric Olmos	University of Lorraine	Health Research Board
Spectral biofluid prognostic for prediction of development of pancreatic metaplasia (SENTINEL)	Aidan Meade	Technological University Dublin	Olivier Piot	Université de Reims, Champagne-Ardenne	Health Research Board
Reminiscence-based interventions for patients living with Semantic and Episodic Dementias; structural and functional brain scanning to detect post-intervention changes.	Richard Roche	Maynooth University	Armelle Viard	GIP CYCERON, Campus Jules Horowitz,	Health Research Board
INHALE – Ireland and France Need Healthier Air for healthier Lungs – the Evidence: A functional spatiotemporal analysis to estimate the effect of air pollutants on respiratory health.	Michelle Carey	University College Dublin	Sophie Dabo-Niang	University of Lille	Health Research Board
Suicide Awareness in Social Care: A European examination	Maeve Murphy	Institute of Technology Carlow	Mariette Auger	Institut Universitaire de Technologie du Havre	Health Research Board