

Maynooth University Research Week 24–27 October 2022



JOIN THE CONVERSATION

Over 40 events on campus
and online



10.00-11.00

 **Hamilton Institute Eolas Building**
 **Online**

Hamilton Institute Graduate Student Talk

The Maynooth University Hamilton Institute is bridging the gap between mathematics and a wide variety of disciplines ranging from climate change and DNA computing to molecular dynamics and robotics.

The week-long series of graduate student talks aim at delivering insights of the variety of research undertaken by PhD students and postdocs of the institute.

[Find out more >](#)

 **Online**

Open Access and Transformative Agreements at Maynooth University

Maynooth University as a member of the IReL consortium is helping the transition towards cost neutral Open Access. This presentation will look at how these Transformative Agreements work and what are the benefits to making research open access. We will also outline the Library supports and resources that are available to the academic community to assist them in making their work open access.

[Find out more >](#)

 **Online**

Library Virtual Exhibition of new books by staff of Maynooth University and St. Patrick's College, Maynooth

This exhibition covers books published during the last three years. Topics are wide ranging and include literature, music, politics, poetry, the changing role of women in Irish and other societies, conflicts nationally and internationally, faith and spirituality, music, marriage, maps and data mining and the COVID Pandemic. The exhibition gives a flavour of our rich publishing output.

The books included are available from the University Library. [Find out more >](#)

 **Online**

Virtual Exhibition of MU Library Makerspace – 3D Printing Supporting Research

This virtual exhibition focuses on the diverse research topics of both students and staff who we have submitted 3D printing requests to MU Library Makerspace. From a miniature pill box and clay measure to an ambisonic shell and grip testing tool used for a robotic arm – this theme explores the different ways a university library uses 3D printers to support student and staff research.

[Find out more >](#)



9.30–14.00

The Second Reformation and Catholic/Protestant Relations in Pre-Famine Ireland: Bicentennial Perspectives



The symposium and exhibition exploring the significance and legacy of the Second Reformation of the 1820s-40s. This event falls on the bicentenary of the infamous sermon (charge) delivered by the Church of Ireland Archbishop of Dublin, William Magee (1766-1831) in St Patrick's Cathedral on 24 October 1822. It is followed by an exhibition launch in the Russell Library. Please note, the Russell Library is not wheelchair accessible. Booking is essential. [Find out more >](#)

 **John Paul II Library**

10.00–11.00

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 **Hamilton Institute Eolas Building**
 **Online**

10:01–10:20	Emma Govan	Variational Bayes for Stable Isotope Mixing Models.
10:21–10:40	Eleni Zavrakli	Machine Learning and Feedback Control for Additive Manufacturing.
10:41–11:00	Pramit Dutta	VIT-BEVSEG: Vision Transformer for Birds Eye View Segmentation.

[Find out more >](#)

10.00–11.30

Women are not all the same! How Gender & Class Intersect to Affect Social Mobility

This event will discuss the challenges faced by women from working-class communities in trying to navigate hard-to-reach places in society. The event will be in the style of a 'conversation with a panel', we will discuss the experiences of four women who are from diverse backgrounds and their vision for changing the workforce of the future. The speakers Dr Johanna Ivors (Prof TCD), Michelle O'Kelly (Principal Mercy Inchicore), Eimear Michaels (Operations Manager Microsoft Ireland) and Dr Andrea Johnson Chair of Women in Technology & Science). [Find out more >](#)

 **MUSSI Iontas Building**

10.00–13.00

Sustainability and Climate Action Research


This event will showcase the research in climate action and sustainability conducted at Maynooth University. This will involve a series of 10-minute presentations followed by panel discussions and Q&A sessions. One of the ambitions for the forum is to explore potential collaborative opportunities for MU researchers and students with the Legacy4Life Low Carbon Plan (An Taisce) and Maynooth Decarbonising Zone (Kildare County Council) projects. [Find out more >](#)

 **Online**

10.30–12.00

A path to Success: Marie Skłodowska-Curie Fellowships, Research and Career Paths

Joining the Marie Skłodowska-Curie Programmes, such as ELITE-S and PERFORM program, offers the opportunity to excel in career as a researcher in ICT as well as a platform to gain international recognition and develop new ICT products and drive innovation and standards. [Find out more >](#)

 **IVI Boardroom Eolas Building**

11.00–12.30

Showcasing Excellence – MU Research Achievement Award Winners

This event will feature four 10 minute "bite-size" presentations from recent MU Research Achievement Award Winners with 5 minutes for audience questions. The talks are aimed at a general audience and will cover a range of fascinating topics from some of our excellent MU researchers.


 **Iontas Building**

The presenters are Dr Gavan Titley (Media Studies), Dr Lorna M. Lopez (Biology), Prof. Andrew Parnell (Hamilton Institute), and Dr Katriona O'Sullivan (ALL Institute). [Find out more >](#)

14.00–15.00

Chained to the algorithm: The rise of the gig economy, app-workers and the uncertain role of algorithmic management

This research talk is a part of our Research Seminar Series 2022–2023. In this presentation, Dr James Duggan will discuss his research on the lived experiences of app-based gig workers, with a focus on the algorithmic regimes of control used to closely monitor and coordinate workers' activities.

 **TSI210 TSI Building**

James will present insights on the opaque nature of the technologies found in gig work and the implications for workers attempting to navigate this novel, precarious environment. [Find out more >](#)

15.00–16.00

Intersectional Feminism in Digital Humanities: Communities, Collaboration and Cultural Heritage

Full Stack Feminism in Digital Humanities, aims to address the inherent and inherited heteronormative, gendered and racist bricks and mortar of Digital Humanities (DH). This online session will discuss our work, focusing on the biases and exclusions our project seeks to highlight and outlining our engagement with community archives, in particular, to amplify the voices, concerns and needs of marginalised groups. [Find out more >](#)

 **Online**

18.30–20.00

Why would anyone care about reproducibility and open science?


For many years, research outputs have been driven by journal publications that are frequently inaccessible without subscriptions. Recently this has started to change, with pressure from some research funders, publishers, and communities, for work to be "reproducible" and shared "openly". This talk will introduce these topics in more detail, motivate why we should care about them, and touch on some easier ways to move in the direction of increased openness. [Find out more >](#)

 **Theatre 2, TSI Building**

19.00–21.00

Sustainability and Climate Action Research – Community Engagement event

The in-person Community Engagement event will bring together Maynooth/Kilcock Green Forum, Maynooth SEC, Kildare County Council (Climate Action Office), An Taisce and will provide the opportunity for all members of Maynooth Community to influence and take ownership of their own decarbonised futures. [Find out more >](#)

 **Room SE014 School of Education**

10.00-11.00

Hamilton Institute Graduate Student Talk

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-  **Hamilton Institute**
- Eolas Building**
-  **Online**

10:01-10:20	Dale Aaron Lawlor	Thermal Transitions in Dense Two-Colour QCD.
10:21-10:40	Carl Aaron Fogarty	Natural variations within the glycan shield of SARS-CoV-2 impact viral spike dynamics.
10:41-11:00	Yong Chen Goh	Bayesian Additive Regression Trees for Non-Ignorable Missing Data.

[Find out more >](#)

10.30-11.30

Library Talk – How the Library can support Early Career Researchers in their career progression

This session will look at the supports and resources available to ECR's to assist them in the Research process, managing their research data and developing Data Management Plans, choosing where to publish their research output, measuring research impact to showcase their work, enhancing their research visibility and much more.

There will also be a Q&A session at the end.


-  **Online**

[Find out more >](#)

10.00-13.45

Research Together: Building relationships and partnering on health focused funding applications

The Research Development Office (RDO) invites Health Research Charities Ireland (HRCI), its charity members, other civil society organisations and MU researchers to this in person event. It aims to foster and build relationships between MU researchers and charitable organisations to co-develop and partner on future National and Horizon Europe research grant applications in the health space.


-  **Renehan Hall, South Campus**

[Find out more >](#)

14.00-15.30

The impact of MU research on public policy: What we do, what we could do, and what comes next?

This will be a panel session. Professor Mark Boyle will chair a discussion with a panel of MU faculty drawn from across the University who will share their thoughts on the past, present and future of MU and public policy.

-  **MUSSI Seminar Room, Iontas Building**

[Find out more >](#)

14.30-15.00

Library Talk – Developing a Data Management Plan for your research data: An introduction to MU Library's Research Data Management Service

This session will outline what a DMP is, why it is important, what it should contain and what tools are available to help you draft one. It will also introduce the new RDM service in Maynooth, which offers an initial one-to-one consult and introduction to DMP drafting, and a follow up DMP review service of the initial draft.

-  **Online**

[Find out more >](#)

17.00-18.30

Reconciling the colonial character of “scientific” social science research

Dr Thomas Delahunty presents some of his reflective journey from a position of a mainstream quantitative idealist to now. This session draws on the work of scholars to unsettle some of the often unquestioned logics of research under this approach in an attempt to resist some of the neo-colonial logics that threaten broader attempts to achieve more equitable and valuable research impact in education research specifically.

-  **School of Education**

[Find out more >](#)



9.30–11.45

Nothing about us, without us: Perspectives in Public and Patient Involvement (PPI) in Research

This series aims to share what Public and Patient Involvement means for the people involved at both a personal and professional level. Hear from PPI contributors, their families and researchers on why PPI is so essential for both enriching and increasing relevance in research for those impacted by it most. Speakers include Mary Sweeney and her son Conor, Mandy Daly introduced by Dr Lorna Lopez, researchers Dr Cassandra Dinius, Carmen Elise Pocknell, Dr Rebecca Maguire, Dr Fiana Ní Ghráiligh. [Find out more >](#)

 **Iontas Building**



10.00–11.00

Hamilton Institute Graduate Student Talk

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10:01–10:20 Anna Marita Konrad Grasping with Mobile Robots
 10:21–10:40 Mateus Maia Marques GP-BART:extending Bayesian additive regression trees using Guassian processes.
 10:41–11:00 Kevin Horan Investigating the collapse of the UK Labour Party's "red wall" during the 2019 UK General Election.

[Find out more >](#)

 **Hamilton Institute Eolas Building**
 **Online**

10.00–12.00

How can AI work for the Circular Economy?

This session provides a brief introduction to what AI and the Circular Economy actually mean. We then discuss the current ideas, solutions, and policies around how AI is being integrated into the Circular Economy ambitions of companies, governments and countries. The session closes with an open Q&A session among the three panellists. [Find out more >](#)

 **Eolas Building**

10.00–16.00

Digital technologies supporting climate action and wildfire response

Our research teams based across the Irish Climate Analysis and Research Units (ICARUS) and National Centre for Geocomputation (NCG) and the Hamilton Institute will bring attendees through a suite of sophisticated technologies including digital platforms, drones and sensors currently employed on two Science Foundation Ireland (SFI) projects Terrain-AI and Co-Pilot AI. [Find out more >](#)

 **Iontas Building Foyer**

10.00–16.00

How to write for RTÉ Brainstorm – workshop & individual pitching to editor Jim Carroll


A presentation by editor Jim Carroll on the best way to get your articles published, writing style and ideas, from 10.00–10.45. Followed by individual 10 minute pitching sessions with Jim Carroll, from 11.00–13.00 and 14.00–16.00. Registration required and places are allocated on a first come basis. [Find out more >](#)

 **Library**

10.00–17.00

Are you interested in health and technology? We want to hear your opinion!

Are you curious about how digital technology can help you better understand health information, make informed decisions and manage your health and wellbeing every day? Do you want to get involved in shaping the new healthcare system that brings benefits to all citizens? Take part in this interactive experience in the Innovation Value Institute (IVI) to get a chance to talk to our experts and interact with the newest and most fascinating technologies used in healthcare. [Find out more >](#)

 **Eolas Building**

11.00–13.30

3MT 3 Minute Thesis Competition

3MT is an engaging, fast moving format called the '3 Minute Thesis' an academic competition in which Maynooth University PhD, MLitt and Masters, MA and MSC students explain their research in just 3 minutes. [Find out more >](#)

 **Library**

12.00–13.00

Equality, Diversity and Inclusion in Research at Maynooth University


This session will be of interest to anyone who is a researcher or involved in research and wants to know how equality, diversity and inclusion is relevant to them. Gender equality in particular is a key focus of funding agencies including Science Foundation Ireland and consideration of the sex/gender dimension in research content is a requirement for certain funding agencies including EU Horizon2020 and the Irish Research Council. [Find out more >](#)

 **Online**

12.00–13.00

Transformational approaches for working with fragile and conflict affected communities

Dr Paul O Keeffe will discuss his interdisciplinary research, with a focus on conflict, migration, development, and enabling education in emergencies and refugee camps, including connecting the higher education system with fragile communities in Africa. Dr Kieran Doyle will present recent research on the enabling impact of mediation, negotiation and dialogue facilitation in international peace-building interventions. [Find out more >](#)

 **Education Seminar Room (ESR), Education House**

14.00–16.00

Undergraduate Research Symposium

The Experiential Learning Office bringing the Undergraduate Research Symposium back to campus for the first time in two years. This event celebrates the diversity of undergraduate research activity across Maynooth University and presents a forum for the Summer Programme for Undergraduate Research (SPUR) students to showcase their research among peers and the wider university community. Judges and guests can view participants' posters and hear directly from students about their research. [Find out more >](#)

 **TSI Building**

17.00–20.30

What We Carry: Trauma-Informed Teaching in Irish Education

Emerging research within education, psychology and child studies paints a picture of complex relationships between childhood adversity, trauma and schooling. But what does trauma informed teaching look like within the Irish education system? In this seminar, four researchers will discuss their work investigating trauma-informed teaching and how childhood adversity affects learners in Ireland today. [Find out more >](#)

 **School of Education Building**

10.00–10.30

 Online

Library Talk – The Troubles Collection in Maynooth University Library

This webinar will look at Maynooth University Library's (MUL) unique collection of books, pamphlets and ephemera relating to the period commonly referred to as the Northern Ireland "troubles". By acquiring and making this "troubles" material available MUL is continuing to transform its collections by ensuring a diversity of opinions are accessible to all who are interested in using our shared past to inform our future approach to this turbulent period of our history. [Find out more >](#)

10.00–11.00

 Hamilton Institute
Eolas Building
 Online

Hamilton Institute Graduate Student Talk

The Maynooth University Hamilton Institute is bridging the gap between mathematics and a wide variety of disciplines ranging from climate change and DNA computing to molecular dynamics and robotics. The talks present variety of research undertaken by PhD students and postdocs of the institute.

10:01–10:20 Dara John, Andrea Mac Conville Modelling the Turtle Python Library in CSP.

10:21–10:40 Gabriel Rodrigues Palma

A machine vision system for avian song classification with CNN's.

10:41–11:00 Fiona Hegarty

Issues to consider if planning supports student

[Find out more >](#)

10.00–11.00

 Online

Research Professional Training Session: Online Live Demonstration

This training session is open to all MU students/staff and gives an overview of how to use Research Professional to find the right funding opportunities for you and stay up-to-date with research funding news. [Find out more >](#)

10.00–17.00

 Eolas Building

Are you interested in health and technology? We want to hear your opinion!

Are you curious about how digital technology can help you better understand health information, make informed decisions and manage your health and wellbeing every day? Do you want to get involved in shaping the new healthcare system that brings benefits to all citizens? Take part in this interactive experience in the Innovation Value Institute (IVI) to get a chance to talk to our experts and interact with the newest and most fascinating technologies used in healthcare. [Find out more >](#)

10.30–12.30

 Eolas Building

Department of Computer Science Research Postgraduate Poster Session

The Department of Computer Science will be hosting a poster session on the ground floor of the Eolas Building where current postgraduate research students will present their research. This is an open event to allow undergraduates from the Department of Computer Science, along with the wider MU community to meet with our postgraduate students and to find out more about the on-going research within the department. [Find out more >](#)

11.00–12.30

 Eolas Building

What is the solution to Ireland's energy dilemma

An interdisciplinary panel will discuss what they think the solution to Ireland's energy dilemma is. What is it going to take in order for Ireland to halt climate change while facing growing energy demands? Our panel members are Prof. John Ringwood, Director Centre for Ocean Energy Studies, Prof. Conor Murphy, ICARUS, Alex White, Minister Communications, Energy and Natural Resources 2014–2016, Dr. Erivelton Nepomuceno, Electronic Engineering Dept and Dr. Joao Henriques, Technical University of Lisbon. [Find out more >](#)

11.00–12.30

 Library

Maynooth Sparks 2022: 6 minute talks celebrating the variety of research on-going at MU

As part of Research Week 2022, the Research Development Office is hosting MaynoothSparks. This year it's a real live in person event and celebrates the breadth of research that's happening at Maynooth University. Recent award winners will attend as well as speakers who have an interesting story to tell about their research work and its impact. [Find out more >](#)

11.00–12.30

 Online

Library Talk – Maynooth Open Research Inaugural Lecture: Open Research Practices in the Age of a Papermill Pandemic

Professor Dorothy Bishop has been a longstanding supporter of open science and research integrity, and in this lecture will discuss challenges facing open science, focussing in particular on the problem of "academic paper mills". These are organisations whose business model involves selling authorship of publications. The publications may be plagiarised or computer-generated, and they vary in terms of how easily they can be detected. Papermills have become a serious problem and they threaten to inundate some journals. [Find out more >](#)

13.30–15.30

 TSI Building

Research Week Reception

As a final celebration of Maynooth University's 2022 Research Week, we will host a closing reception from 1.30pm to 3.30pm in the foyer of the TSI Building. Presentations will be made to all 2022 IRC Scholarship and Fellowship awardees, John & Pat Hume Doctoral Awards and the winners announced of SPUR; 3 Minute Thesis; Maynooth Sparks competition. [Find out more >](#)



15.00–16.00

 John Hume Building

ALL at work

A brief overview of some the projects and research currently going on in the Assisting Living and Learning (ALL) Institute. Presenters include Dr Tadhg MacIntyre (GOGREENroutes: Going Outdoors-Gathering Research Evidence on Environment and Nature), Dr Holly Foley and Neasa Boyle (The Digital Wealth Project: our Journey through Year 1), Nicola Mountford (Diagnosing sepsis in Uganda – technology adoption at a remove) and Dr Louise Veling (SHAPES and Assistive Robotics for Older Care). [Find out more >](#)

15.00–16.30

 Eolas Building
 Online

Data Governance and Data for Good

A panel of experts and innovators discuss and expand the view of data towards a societal mission: DATA FOR GOOD. We will discuss opportunities and challenges around data governance. We will facilitate a debate on various aspects and views around data and safeguarding its use, including how to co-create best data governance practices that increase data sharing with safeguards to establish a trusted and responsible environment that benefits all. [Find out more >](#)

18.00

 TSI Building

Dean's Lecture

The lecture, entitled 'Gandhiji, I have no country: Caste, Nation and the Question of Decolonisation', will be by Professor Priyamvada Gopal. [Find out more >](#)

19.00

 Library

Book Launch "Leaves from the Cotton Tree"

This book is a collection of 37 essays by Sierra Leonean and Irish people, who have built and maintained Ireland's unique relationship with Sierra Leone. The book has a foreword by Claire Buckley, Ireland's Ambassador to Sierra Leone. [Find out more >](#)

10.30–11.30

Smart Cities as hubs: defining a system for city flows' management-SCHUB

This event is an introduction to a collaborative research project between Maynooth University and Thessaly University. In this event the project will be introduced by the project coordinator, Prof. Leonidas Anthopoulos (from Thessaly Uni.) and Dr. Zohreh Pourzolfaghar as the lead for work package related to smart city architecture. The event includes: Project brief presentation (Prof. Leonidas Anthopoulos), and conceptual and physical architecture (Prof. Leonidas Anthopoulos and Dr. Zohreh Pourzolfaghar).

[Find out more >](#)

**Innovation
Value
Institute (IVI)
Eolas
Building**

Stay in touch with our research activity



www.maynoothuniversity.ie/research-week

