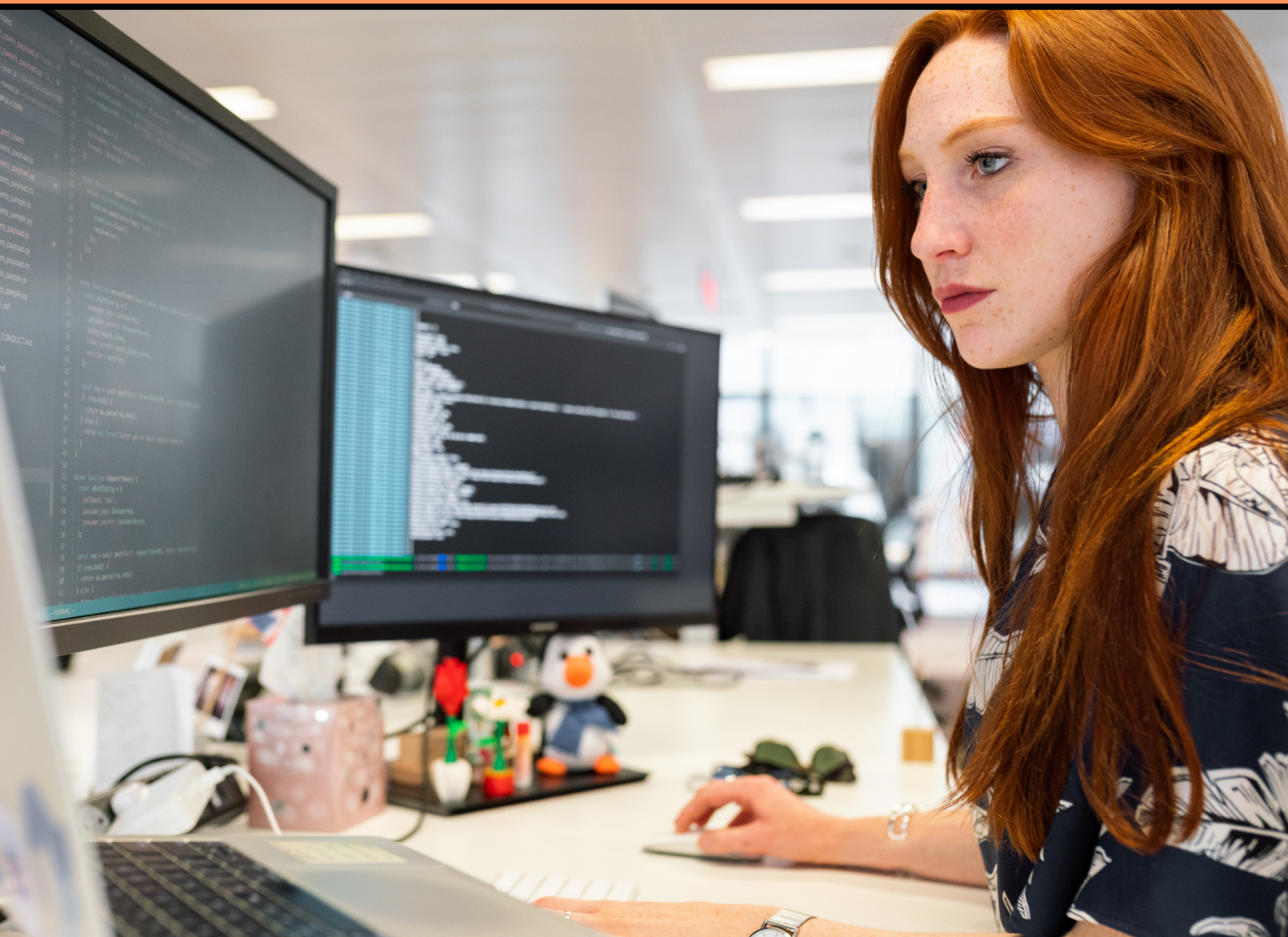# Research Ireland Centre for Research Training in Artificial Intelligence

Taighde Éireann
Research Ireland

PhD Information Pack

2024/2025

Centre for Research Training in Artificial Intelligence

Welcome

A big Welcome to Research Ireland Centre for Research Training in Artificial Intelligence.
In order to help you on your new journey, we have put together this short practical guide designed with you in mind.

First, the programme is coordinated by the Leadership Team and is managed locally by each institution (host site) associated to this programme.

They are :

University College Cork

Trinity College Dublin, Dublin City University, The University of Limerick
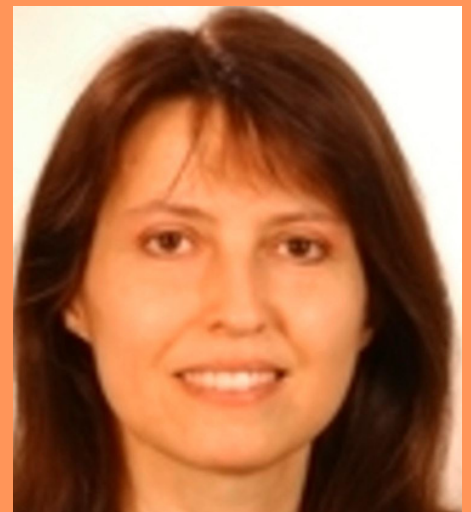
and The University of Galway.

This Research Ireland funded programme is coordinated by the leadership team

Top Row: Centre Director Professor Barry O'Sullivan, Co-Director (DCU) Dr. Suzanne Little, Co-Director (UCC) Dr. Derek Bridge

Bottom Row: Co-Director TCD) Dr. Ivana Dusparic , Co-Director (NUIG) Dr. Paul Buitelaar, Co-Director (UL) Professor Tiziana Margaria
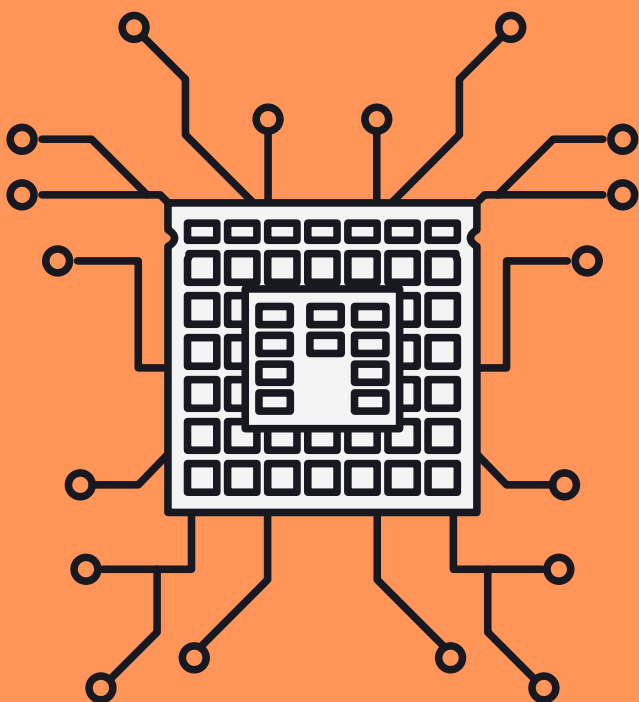
CRT in AI Training

<u>Mandatory</u> programme specific
AI Methods module

The AI Methods training module:
- Duration: One week training courses x 5 Worth: 10 ECT credits
- Note: each week is delivered at each of the associated universities

Each site helps to arrange travel arrangements in advance and is fully funded.

CRT in AI Training

Each host site runs a week long AI training module in year one of your PhD programme. You are expected to complete these 5 training weeks in succession.
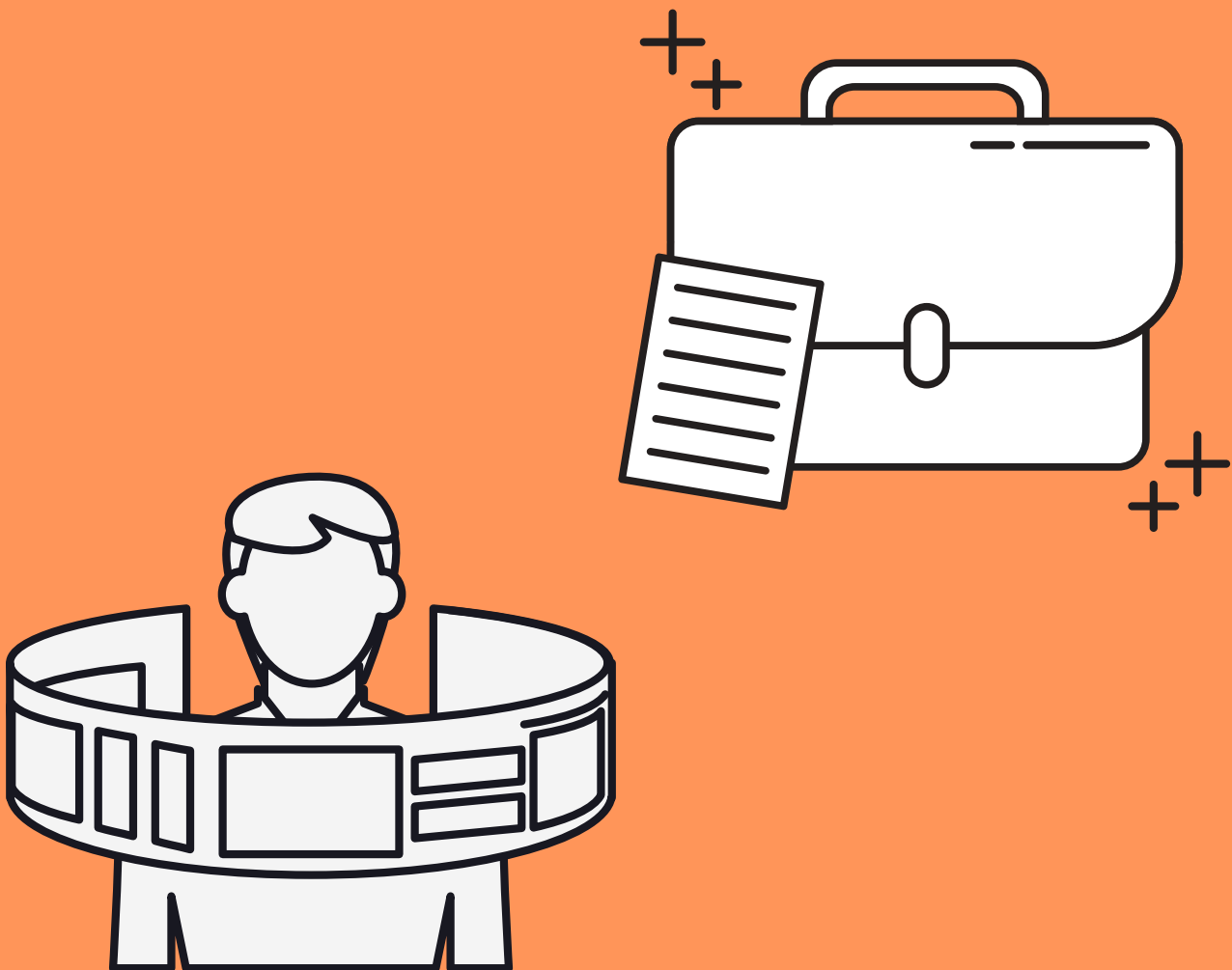
Research Integrity Training is also <u>mandatory</u> and will be required to be completed within the first 6 months after you start the programme.
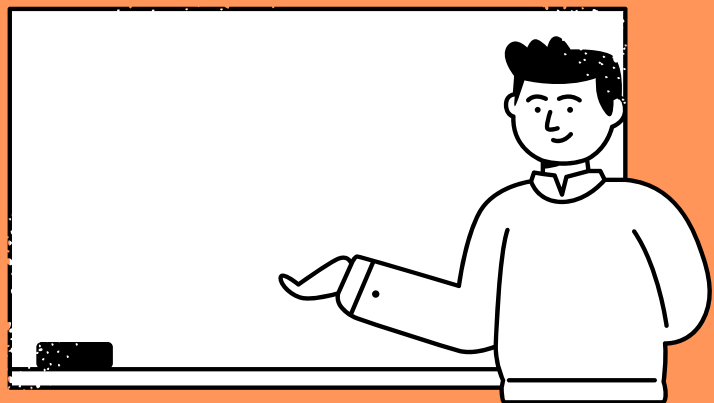
CRT in AI Training

<u>Mandatory </u>Training Placement

As part of your PhD journey each student will complete a industry or academic placement for a minimum of three months at the end of Year Two or Year Three.

CRT in AI Training

CRT in AI Activities

Student Led Seminar Series
Annual: weekly from July to December

Meet the Researcher Initiative

Funded Conferences and other Scientific Events

Summer Schools

In Person Industry Field Trips

Future Skills Professional Showcase Event

European Sie Visits - Cohort Builds

CRT in AI Training

CRT in AI Communications to promote events & activities

Information can be found:

CRT in AI website

CRT in AI newsletter :The Turing Point

CRT in AI Slack Platform

CRT in AI Twitter Page

CRT in AI Media -YouTube Channel

CRT in AI LinkedIn

Your publications

What are publications?

These are the references that correspond to the products of your research: journal articles, communications in conferences, books, chapters in collective works... these publications are entered into your institutional database then appear on the website. Tell someone you've published! Inform the programme manager so that they can record it against your profile which in turn informs your funder of your achievements!
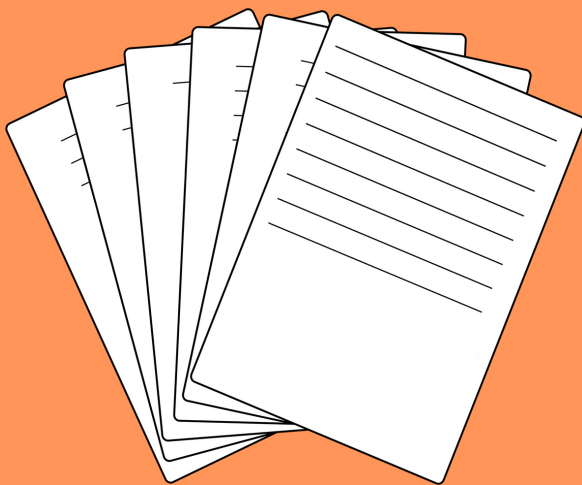
Publications Acknowledgments

Your funder will expect to be acknowledged when you present your papers, presentations and posters.

The acknowledgment to use, and should be included in all your papers publications:

Publications Acknowledgements

Where possible and permissible Research Ireland wish for their logo to accompany published works. <u>Research Ireland</u> must always be spelled out in its entirety.
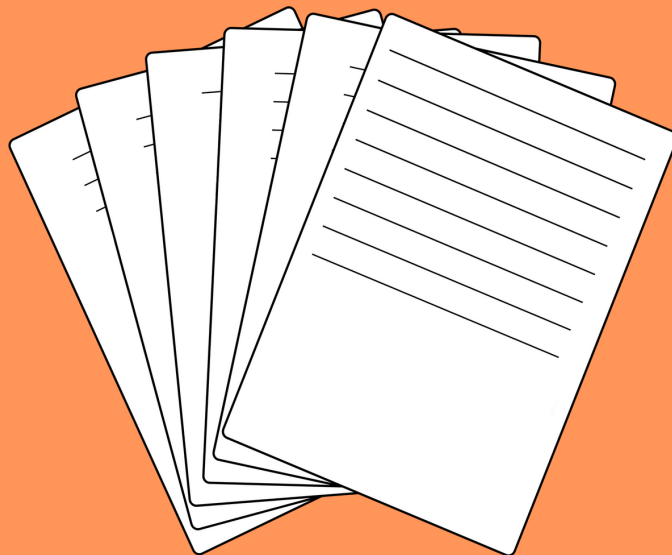
Open Access

Find out if your journal has an open access agreement with your institution.

IReL is the Irish Research eLibrary. It is a nationally funded online research library providing access to leading Science Technology and Medicine (STM) and Humanities and Social Sciences (HSS) resources to participating institutions.

https://irel.ie/open-access/

Presentation Format

The CRT in AI has a specific AO poster template and PowerPoint slides for your use.

These templates should be used in all scenarios when you are presenting and representing the CRT in AI.

Presentations, conferences, education and public engagement activities must be brought to the attention of the programme manager so that any impacts against your profile is up to date with the funder.

Institutional Repository

Your research publications shall be archived to your local institutional research repository. Your library will be a great resource to you and can help to archive your research work which will provide free open access to research publications and theses. Get in touch with them to set up an account.

UCC: https://cora.ucc.ie/
TCD: http://www.tara.tcd.ie/
DCU: https://doras.dcu.ie/
UL: https://ulir.ul.ie/
UG: https://aran.library.nuigalway.ie/

Visa Requirements

Some students will require a Visa to enter Ireland. Here are some key resources to consult for nationals from outside of the European Economic Area.

Visa Requirements

You need a letter of acceptance from your local institution to apply for a visa.

You will need to apply for Irish residency permit (IRP)

Visa Requirements

Apply for IRP:

https://www.irishimmigration.ie/registering-your-immigration-permission/information-on-registering/irish-residence-permit/

Apply for a PPSN:

https://www.gov.ie/en/service/12e6de-get-a-personal-public-service-pps-number/

Note: you will need your institutional acceptance letter for the activities above

Create your profile

As a PhD in the cohort, you will be asked for your bio-profile and picture for the centre's industry brochure and
the CRT in AI website.

Send this along to your PM when you have it ready.

Participating in a conference or going to summer school?

Events such as these need to be planned out well. Your journey, including travel, accommodation, conference fees, visa fees must be clearly budgeted.
Therefore pre planning is advisable, and the costs for the activity requested.
You should ask if there is a formal procedure for this with your local institution - a form to complete

You <u>must</u> discuss with your <u>supervisor and talk to your local co-director</u> regarding your travel plans. There after the local administrative staff will assist you with your arrangements and advise.

To book you need authorisation and ask for quotes from your corporate travel agent Eg: Club Travel.

Local rules will apply in relation to thresholds for accommodation and subsistence. Check with your local finance office.

Booking train tickets, bus tickets see the listings in the last section of this document.

Equipment

You will need to discuss your computational requirements with your supervisor and work with the local administrators to plan for a sustainable and cost effective system for your research work.

Check List

All students must have the following:

- Letter of acceptance from the University;
- Have a Irish bank account;
- Irish PPS Number and provide this to payroll;Complete
- Research Integrity Certification course; Create your
- bio-profile;
- Obtain your institutional email;
- Find out when the five AI module begins;
- Obtain the CRT-AI slide Deck template and AO poster template;
- Understand how to acknowledge the funder;
- Understand how to archive your work in the local repository;
- Inform the PM about your research activities
- Understand the local travel policy and how it works.

Non EU students:
- Must possesses a valid IRP
- Health Insurance

If you have any questions you can contact the CRT programme manager, local co-ordinator, your supervisor or co-director at anytime.

Site Specific Information

University College Cork
PhD Researchers

Mandatory Requirements

- Research Integrity Certification (Epigeum)
- PhD Credits to Graduate (15 credits minimum of 90 possible credits)
- Training Placement (Internship)
- CRT in AI Training Module - 5 week in total completed in year one of PhD (CS7101)
- CS&IT PhDs must complete the following module: (PG6001 STEPS - Scientific Training for Enhanced Postgraduate Studies you need to register with the module coordinator by emailing them directly.
- See UCC Book of Modules for course descriptor PG6001

MyStudentPortal

Archiving your Publications Boole Library

Open Access

Canvas

Agresso - Expense Claims

Student Health & Wellbeing

Student Counselling

How to Apply for PPSN

Accomodation

How to make an appointment for IRP?

Health Insurance

Site Specific Information

University of Limerick
PhD Researchers

Mandatory Requirements

- CS8013 DigitalResearchManagement TL8003
- Planning Research &Publication TL8013
- Developing Ideas &Arguments:Writing into AcademicCommunities
- CM8003 ResearchNetworking:Developingan AcademicProfile
- LA8013 ResearchEthics
- ES8002 Research Integrity

Registeration Information

MyStudentPortal

Expense ClaimsRegisterwith Agresso

Open Access

Student Health & Wellbeing

Student Counselling

Emergencies

Health Insurance

IRP and visa related information

Accomodation

Site Specific Information

University of Galway
PhD Researchers

Mandatory Requirements

- GS5110 - ResearchIntegrity
- Epigeium online certification in Research Integrity is compulsory. You can also take the Research Integrity module and receive credits for it.
- CT 5151 - AI Methods: This is compulsory for CRT-AI (training weeks)

New Postgrad Student Registration
StudentPortal

ResearchIntegrity

Research Integrity training is compulsory for CRT-AI. You can also take the Research Integrity module and receive credits for it.

Along with academic related modules,
you can also selected GeneralSkills
modules

Blackboard

Accomodation

Open Access

Site Specific Information

Trinity College Dublin
PhD Researchers

Mandatory Requirements

- CA7000: RESEARCH INTEGRITY AND IMPACT IN AN OPEN SCHOLARSHIP ERA
- CS7039: Research Methods
- VP1017_PD: Teaching and Supporting Learning as a Graduate Teaching Assistant
- Demonstration hours (72)

Student Portal Blackboard

Accomodation

Expense Claim (iExpense)

Site Specific Information

Dublin City University

Mandatory Requirements

- CA639 10 credit AI Methods Module (UCC call this CS7101)
- EE611 - Placement Module
- Total of 30 ECTS (which can include CA639 &EE611) Research Integrity

-

IT support:
Information System Services

Open Access DCU

Health Centre DCU

Welcome to your Future!