

**Presentation:**

*Regional Event Galway*

**Presenter:**

*Mr. David Bourke, Nat Cert Eng, Beng, B.Sc. (Hons), HDip*

*Lecturer in BIM at GMIT  
david.bourke@gmit.ie*



Welcome to the  
CitA's Online Regional Week  
November 15<sup>th</sup> to November 19th

Connecting YOU to Innovation

A BIG THANK YOU TO CitA's REGIONAL EVENT SERIES SPONSORS

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# Online Regional Week

Date: Wednesday, 17<sup>th</sup> November 2021

Time: 12.30pm - 14.00pm



David Bourke



Gary Hughes



Bobby Gallagher & Connie Shiel



Animesh Sourabh

## Speakers

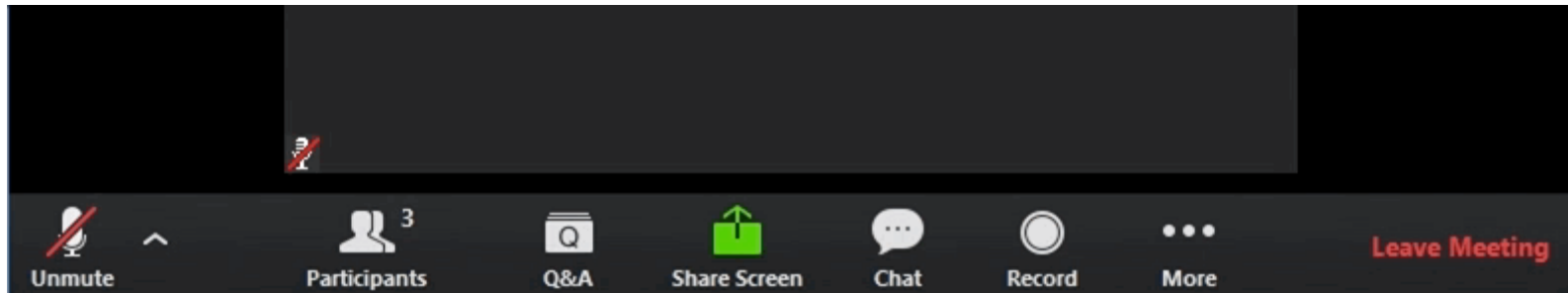
- |               |                                                    |
|---------------|----------------------------------------------------|
| 12.30 - 12.40 | David Bourke, Lecturer in BIM<br>GMIT              |
| 12.40 – 13.00 | Gary Hughes, BIM Manager<br>John Paul Construction |
| 13.00 – 13.20 | Bobby Gallagher, Connie Shiel<br>DFM Systems       |
| 13.20 – 13.40 | Animesh Sourabh, Account Manager<br>MagiCAD        |
| 13.40 – 14.00 | Q & A - Closing address                            |

## Presentation Titles

- |                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------|
| Opening Address and GMIT Updates                                                                                     |
| Remote Site Tracking, Taking the site back to the office                                                             |
| Extracting COBie Data from IFC files from Project Handover Files                                                     |
| Connected Construction, Improving visibility, collaboration,<br>performance, and safety for all project participants |



- Questions and answers will be at the end.
- Use the chat facility at the bottom of the screen.
- Post during the presentations.







## **David Bourke**

*Nat Cert Eng, BEng, BSc (Hons), H Dip*

Since September 2020 David has worked as a lecturer in BIM in GMIT having previously lectured part time.

David is a graduate of both LIT and GMIT and has approximately 20 years experience as a CAD/BIM technician working on a wide variety of civil, structural and telecoms projects as a CAD technician/designer both in Ireland and abroad. During his career David has been involved in numerous CAD standards committees and BIM steering teams.

While working abroad David was first introduced to BIM and maintained a passing interest in the area for many years. Once BIM began to grow in Ireland David engaged in courses and self guided learning to gain the knowledge and skills that would ultimately allow him to attain the role of Deputy BIM Manager for Malachy Walsh and Partners.



**THE  TIMES  
THE SUNDAY TIMES**

**GOOD  
UNIVERSITY  
GUIDE  
2022**

**INSTITUTE OF  
TECHNOLOGY  
OF THE YEAR**

- The Sunday Times Institute of Technology of the Year 2022
- Sunday Times Good University Guide (2022)
- This is the fourth time GMIT has received this award.



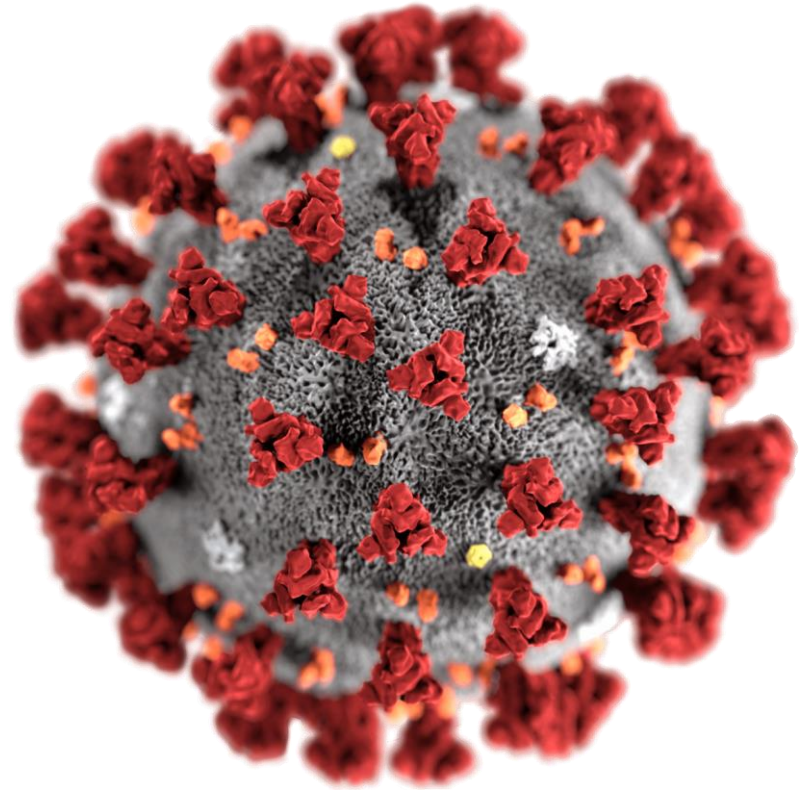
## CONNACHT-ULSTER ALLIANCE



- A Technological University (TU) for the west and north-west of Ireland
  - GMIT
  - LYIT
  - IT Sligo
- The new TU will offer almost 600 academic programmes.
- Student population of 20,000+
- 2,200 staff.













- Blended learning. CAD modules mostly back on campus but still some online learning.
- Students have remote access to labs.
- Encouraged to have own laptop / PC and avail of student versions of Autodesk software..
- Laptop scheme for those unable to afford one.







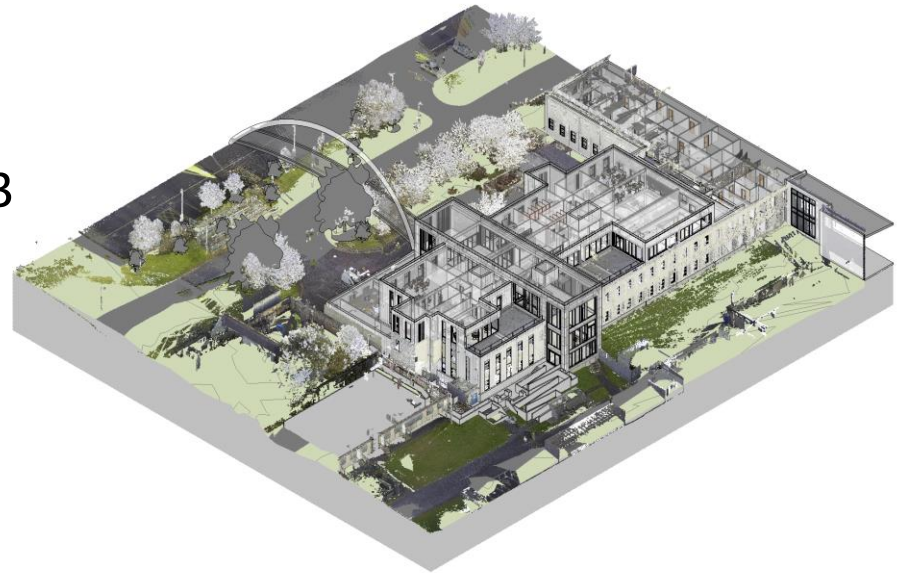
## Higher Diploma in BIM

Electives - 10 Credits	10 Credit	BIM Virtual Modelling Fundamentals		01	Minor Award for each module
		BIM Architecture		02	
		BIM Infrastructure		03	
		BIM MEP		04	
		BIM Structure	 	05	
10 Credit	BIM Collaboration	   	06	Level 8 Award	
30 Credit	BIM Research Project		07		



## Postgraduate Diploma in Building Information Management (BIM) and Digital Construction

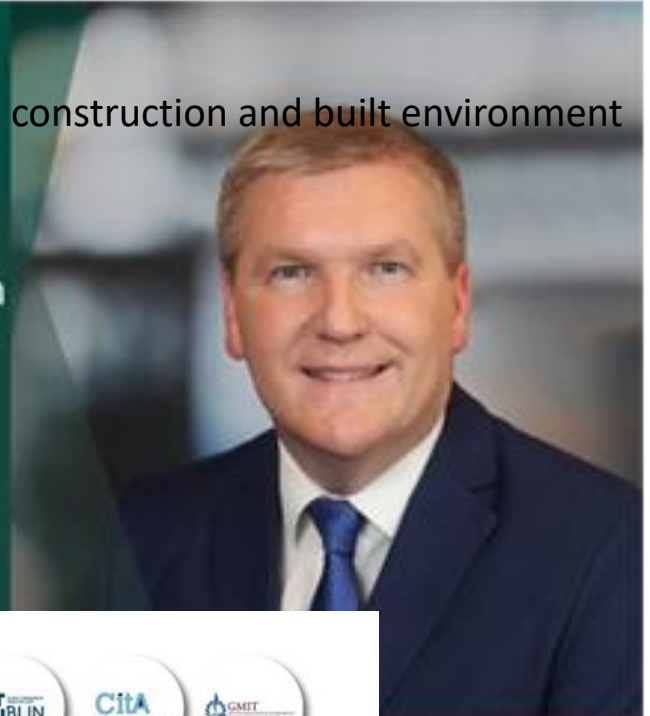
- Postgraduate Diploma (Level 9) scheduled to commence January 2022
  - 90% funded under HCI 1
  - Currently going through validation process
  - 1 year long
  - Modules TBD (4-5 modules)
- Masters commencing January 2023
  - 30% funded under HCI 3
  - 60 credits



# Build Digital



- Established under Project Ireland 2040
  - Investment of €2.5m over 5 years.
  - Aims to deliver increased digital adoption across the entire Irish construction and built environment sector
  - Five Pillars:
    - Pillar1: Leadership & Cultural Change
    - Pillar2: Standards
    - Pillar3: Education & Training
    - Pillar4: Procurement
    - Pillar5: Sustainability & Climate Change
- "We must work together with the sector in a collaborative fashion and empower the industry to increase productivity through innovation. This will be hugely significant for the National Development Plan and the number of jobs created."



Build Digital Project



@BuildDigitalPrj

An Roinn  
Phoiblí a  
Department  
Expenditure and Reform

T.D.  
nditure & Reform

gov.ie/per | @IREDeptER | linkedin.com/company/dper

*Regional Event Galway*



- Digital Academy for the Sustainable Built Environment
- A hub for the upskilling, capacity building & education in the building sector on green construction, circular economy, and digital skills.
- Partners are:
  - TUS
  - GMIT
  - Tipperary Energy Agency
  - Irish Green Buildings Council
- [dasbe.ie](https://dasbe.ie)







# worldskills



**Dr. Mark Kelly**

*Ph.D., M.A., M.Sc.  
PG Cert. and Diploma in  
Academic Practice*



**Gerard Nicholson**

*MSc Res BIM, BSc  
Hons Arch  
Technology  
BRE BIM IM, ACIAT*



**Mary Rogers**

*MA BArch  
FRIAI  
Pg Cert,  
Pg Dip in Academic  
Practice*



**David Bourke**

*Nat Cert Eng, BEng, BSc  
(Hons), H Dip, MIEI*



**Andy McNamara**

*MEngSc,  
Arch Technology*



**Mark Costello**

*HDip Eng BIM, Dip  
Eng Cert Cons BIM  
AP/TIM/PIM MIEI  
CITA  
BRE Academy  
(Fellow)  
BuildingSMART*



**Tommy Coyne**

*BEng (Hons), MIEI*



**Dr. Wayne Gibbons**

*Ph.D., M.Ed., M.Sc.,  
BSc (Hons)*



**Jimmy Fahy**

*BSc Arch Tech  
(Hons) ACIAT*

**Thank you**