

Welcome . . .

From the Centre Chair
Michael O'Keeffe FCIAT

At the time of writing, we're finally hearing some promising forecasts for drier and warmer conditions following months of miserable weather. It certainly is welcome as we approach the summer months!

Despite the weather, a new report by Goodbody has shown house and apartment building in Ireland has doubled year-on-year in the first three months of 2024 - I wonder if that has anything to do with the expiry date of the **Temporary Waiver Scheme for Development Contribution** this coming 24 April 2024? Thankfully, on 13 April 2024, Minister Darragh O'Brien confirmed it's extension for the remainder of the year.

The Centre has been out and about since the beginning of the year - from the **ICAT Conference** in ATU, Galway to a Rep. of Ireland Centre hosted **CPD on Heat Pumps, Innovative Floor Insulation & SEAI Grants** in Kilcock, Co. Kildare. election to the role in August 2023.

The **AT Awards 2024** have been launched and are open to entries from the construction industry. We certainly had a great night in London last November - can we repeat again this year? It's up to our members / affiliates to submit your project or our student members to submit a project or report.

We're approaching the first **ATR subscription renewal** this coming 1 May 2024. We have achieved all the milestones set by the Department to date with the last remaining to be the re-subscription of all registrants for 2024-2025. More on that overleaf.

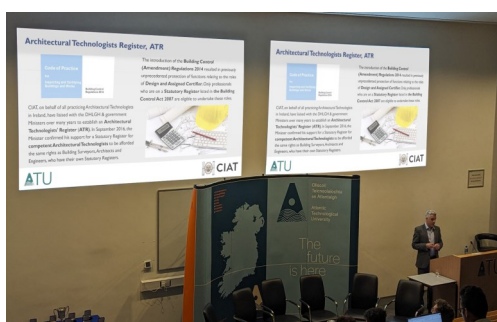
I'm also glad to report that the Centre has a new **Education Officer, Richard Burke MCIAT**, and following an initiative by a few Chartered Members, we've launched a **BIM Sub-Committee**. Happy reading!

13th International Construction Management Conference 2024, ATU Sligo

We were delighted that **CIAT were co-sponsors** of this years event on 8 February 2024 together with the CIOB, CIF and SCSi as well as numerous contractors, consultants, and academics in delivering what promises to be a fantastic event. The conference was well attended with students, practices and local authority employees hearing from a range of speakers from industry. This year, the **CIOB Student Challenge** competition also took place on the same day, which further boosted attendance.



Due to unforeseen circumstances, our speaker was unable to attend and Michael O'Keeffe FCIAT stepped in, presenting an update on the Institute and progress on the ATR as well as attending a CIAT stand at the event.



This Issue . . . at a glance

Update on the Architectural Technologists Register (ATR)

Update on progress of the shadow Register and 2024 renewals

ICAT Conference & Student Competition Special

Report from the 10th ICAT Conference from ATU Galway with the first CIAT Student Competition

AT Awards 2024 Launched!

Get your projects in for this years prestigious Awards.

CIAT Elections 2024

Information on candidates & upcoming Hustings

Centre BIM Sub-committee

Our newest Sub-Committee to support members and affiliates

ZEB Summit & revised EPBD

Report from the conference and update on the revised EPBD

Building Regulations Update

Key updates to the Building Regulations since January 2024

Events

Reports from our attendance at recent events and upcoming CPD events.

Architectural Technologists (Shadow) Register (ATR) Live - Call for Renewals

words by Michael O’Keeffe FCIAT, Centre Chair

Since the launch of the AT (Shadow) Register on **1 May 2023**, the Admissions & Assessment Board has received training and convened on five occasions. We’re delighted to advise that there are **92 Full ATR Registrants** who have successfully applied, been admitted and are now listed on www.architecturaltechnologistregister.ie. This includes the first unaffiliated Architectural Technologist who applied directly to join the ATR and was successful in becoming a Full ATR Registrant.

ARCHITECTURAL TECHNOLOGISTS’ REGISTER ATR

As we now approach the first ATR subscription **renewal date of 1 May 2024**, we’re calling on all ATR Registrants to renew their subscription for a further year, fulfilling an agreed milestone with the **Department of Housing, Local Government & Heritage**. Prompt renewal will enable us to seek a meeting with the Department as soon as possible with the view to demonstrate we have fulfilled the agreed milestones and endeavour to obtain a **timeline for implementation** of a statutory register. The Registrations Administrator will be in direct contact with registrants in relation to the renewals process.

The need to demonstrate demand and viability remains and now is the ideal time to apply. Remember, the purpose of the ATR is much more than providing the facility to act in the roles of Design and/or Assigned Certifier. Through demonstration of demand and achieving statutory recognition, Full ATR Registrants will achieve recognition on par with other registered professionals (Chartered Engineers, Registered Architects and Registered Building Surveyors).

The process for **Chartered Architectural Technologists** is **streamlined** having already demonstrated their knowledge, experience and competence to gain Chartership. All that is required is the following:

1. An up-to-date CV (max. 2 pages) and;
2. Payment of the €200 ATR subscription
3. Application issued to atr@ciat.global

CIAT will then issue a letter of support confirming your eligibility for registration and this will be added to your ATR Admissions Board submission.

There is no time to delay! Do not assume other members will apply and you can join later when it becomes Statutory. CIAT and members and affiliates in Ireland have been campaigning and working tirelessly for over 10 years on behalf of all practicing Architectural Technologists for the introduction of a Statutory Register for competent Architectural Technologists. As previously mentioned, this is not only to allow registrants to act as **Design and/or Assigned Certifier** but to gain **recognition and parity** for the profession in Ireland, and secure the future of the discipline, for those who are studying Architectural Technology in our third-level institutes.

Please make contact any Committee Member should you require any assistance or support in applying to the ATR.

Centre Committee 2023-2025

The Committee, which is currently meeting in-person or remotely every 2-3 months, is as follows:

Role	Member
Chair	Michael O’Keeffe FCIAT
Vice-Chair	Liam Cotter MCIAT
Secretary	Niall Culleton MCIAT
Councillor	Patricia Mulvey FCIAT
Treasurer	Liam Cotter MCIAT
CPD Officer	Patrick Clarke MCIAT
Practice Officer	Christophe Krief MCIAT
PR Officer	Patricia Mulvey FCIAT
Education Officer	Richard Burke MCIAT
Membership Officer	‘Vacant’
Chair aspirATIOn	Karol Dempsey MCIAT
Chair BIM	Jonathan Reinhardt MCIAT
Chair Technical	‘Vacant’
Committee Member	Sean Ryan (Affiliate)
Committee Member	Jonathan Reinhardt MCIAT
Committee Member	Chao Chen MCIAT

Contact details for members of the **Centre Committee** can be found on the Republic of Ireland page of the CIAT website or at www.ciat.ie.

If you would like to become involved in the **Centre Committee**, join / form a sub-committee or positively contribute to any efforts by the Centre, please get in contact with a member of the Committee with an **Expression of Interest** and an up-to-date CV - our door is always open to members, affiliate and students.

AT Awards 2024

Celebrating Architectural Technology at its best, the AT Awards are recognised as the premier accolades, nationally and internationally, that demonstrate outstanding achievement in the discipline.



Designed to recognise excellence in Architectural Technology globally, the suite of AT Awards are open to all professionals and students, whether they are based nationally or internationally.

This year sees the introduction of additional award categories in the form of **Micro to Small Size Projects** (up to a value of £250,000 or equivalent) and **Project of the Year**, which is presented to a project selected at the discretion of the Judging Panel which is an outstanding example of Architectural Technology regardless of financial value from across the four categories. To enter or more information, select the logo above to navigate to the Awards webpage.

Key Dates:

- 23 June 2024: Practice Awards Entry Deadline
- 28 July 2024 : Student Awards Entry Deadline
- 25 October 2024: AT Awards Event

International Congress on Architectural Technology (ICAT) Conference 2024

with Michael O’Keeffe FCIAT, Centre Chair

This year, the Congress was an in-person event and took place in ATU Galway City on 18/19 January 2024. On Thursday, 18 January, the Republic of Ireland Centre Committee and aspirATion Group were delighted to partner with **O’Neill O’Malley Architects**, Galway, to sponsor a Student Challenge, which was open to all third-level institute / university students of Architectural Technology. A competition brief, prepared by Irene Hayden MCIAT with support from Karl Dempsey MCIAT, was circulated and made available prior to the event. I was delighted to secure competition judges for the event, namely **CIAT President, Eddie Weir PCIAT**, and **Emma Hayes MCIAT**, together with **John O’Malley** of O’Neill O’Malley Architects to review the submissions on the day. The format was simple, students were grouped and advised of the programme in the morning, having already received the brief, and staff from O’Neill O’Malley Architects were present to offer support. While the winter storm hindered students’ attendance, there was great appetite from those who participated.

In the afternoon, each group gave a short presentation to the judges and the winners were announced on the day.

The award categories and criteria as follows:

Best Demonstration of Buildability / Assembly - this is to recognise students’ awareness of sequence of construction and buildability.

Best Application of Sustainable Materials - this will encourage students to explore alternative materials with an emphasis on local sourcing, carbon content, lifecycle, etc.

Overall Winner - this would demonstrate clearly achieving all the requirements set out in the brief together with performance in a short presentation. Congratulations to the ATU, Galway team on winning this category.

Sincere thanks to our judges, Eddie Weir PCIAT, Emma Hayes MCIAT and John O’Malley would made the trip through the adverse weather and devoted their time on the day.

The **ICAT Conference** took place on Friday, 19 January, with Conference Chair, **Irene Hayden MCIAT**, opening the conference with a warm welcome and sincere thanks to all sponsors including CIAT Republic of Ireland Centre & aspirATion Group, **Unilin Insulation** and O’Neill O’Malley Architects. Throughout the day, there were presentations from industry, educators, researchers, and the next generation of built environment students and professionals, including Eilis O’Hare ACIAT and Barry McCarron FCIAT with Gareth Alexander MCIAT chairing the afternoon session of the presentations.

In concluding the congress, Dr. Malachy Mathews FCIAT, ICAT Board Chair, spoke on the progress of the ATR and the need for full support from the AT community for it to succeed.

He also presented the Dr. Neils Barrett Award – Best Conference Paper to Cal Henderson for ‘Augmented Reality in Deconstruction: Assessing the Potential for Advancing Circular Methods’ pictured opposite with Dr. Orla Flynn, ATU President, Irene Hayden MCIAT, ICAT 2024 Chair and Mary Rogers, Head of Dept. of Building & Civil Engineering.



CIAT Elections 2024 | Hustings

In advance of the elections for **President-Elect, Honorary Treasurer and Vice-President Technical** this September, there will be two Hustings events - an inaugural in-person event at CIAT Central Office, City Road, London and an on-line event.

These events will provide you with an opportunity to learn more about the candidates running for positions this year, enable you to ask them about their manifesto and help you find out exactly what they hope to achieve for the Institute if successful.



The candidates, listed below, are now on the campaign trail up to the Election Date at **Council on 14 September 2024** and their manifestos can be found by selecting any one of the positions listed:

President-Elect: Dr. Gihan Badi FCIAT;
Tom Gray MCIAT;
Paul Laycock MCIAT, and;
Usman Yaqub FCIAT.

Honorary Secretary: Stacey Taylor MCIAT

Vice-President Technical: Dan Rossiter FCIAT

The in-person hustings event will take place on Monday 24 June 2024 from 10:00hrs followed by a networking lunch and member engagement workshop, with the day set to conclude at 15:30hrs.

Hosted by Adam Endacott, Creative and Communications Director, it is set to be an exciting event as we have four-way race for President Elect along with those running for Honorary Treasurer and Vice-President Technical.

From 3 June 2024, the event will be opened for others to attend to on a first-come, first-served basis - reservation information to follow.

The online hustings event will take place in July 2024 with further information to follow.

After the events, you are invited to feed your views back to **Centre Councillor, Patricia Mulvey FCIAT** at pr.ciatireland@gmail.com in order to consolidate the comments with the Centre Committee and collectively decide which candidate your Centre vote in September.

CIAT ROI Centre Social Initiatives

AT WhatsApp Group

The WhatsApp group for like-minded architectural technologists in the Republic of Ireland continues to grow with 65 participants from across the architecture, engineering and construction (AEC) industry in all parts of the country currently contributing. There has been great engagement and some light-hearted banter too!

Members regularly share knowledge and guidance on various issues including planning, Local Authority and SEAI Grants, contacts for lighting assessments and asbestos surveys in particular parts of the country, etc.

This group is informal and separate to CIAT and open to all Architectural Technologists in practice.

If you would like to be part of this group, please email pr.ciatireland@gmail.com.

If you have any other ideas for social initiatives, please forward to the Centre Committee for consideration. CIAT is your Institute and you're entitled to have your say.

CIAT Ireland Centre BIM Sub-Committee

We're delighted to announce the launch of our Centre **BIM Sub-Committee** this past March. The construction industry is well aware of **Building Information Modelling (BIM)** and the public are also becoming more educated. BIM is the next evolutionary phase within our profession and it is a logical one, just as moving from drawing boards to computers was a natural progression before.

At CIAT, we know that our members and affiliates will play a **key role in the delivery of BIM projects**, thus we want to ensure that you have the most relevant and up-to-date information available to ensure we are heading down the same path together.

The **BIM Sub-Committee** was formed further to an expression of interest from Greg Byrne MCIAT to become involved with the Republic of Ireland Centre in the BIM and Information Management spectrum. Together with Jonathan Reinhardt MCIAT and Mel McGerr FCIAT, they formed the BIM Sub-Committee with the following aims:

- Prepare a list of current and relevant resources available to support **BIM adoption** across the industry;
- Identify **gaps in knowledge & implementation** that the BIM Sub-Committee can support and address;
- Support our students and graduates to better understand **career paths** that may not follow the traditional architectural technologists career route;
- **Develop links** with other bodies and organisations i.e. CitA, to create mutually beneficial relationships;

The above set out a great starting point for the Sub-Committee and we invite two members / affiliates (including students) who wish to join the Sub-Committee to get in touch with the **Sub-Committee Chair, Jonathan Reinhardt MCIAT** with an Expression of Interest and CV at jreinhardt84@gmail.com.

ZEB Summit & revised European Performance of Buildings Directive (EPBD)

The **ZEB Summit** took place on the 21-22 of February 2024, commencing with an interactive workshop at the Dún Laoghaire-Rathdown County Council offices on Wednesday and delving into the innovative Shanganagh Castle **Passive House** Development.



The **Summit Conference and Exhibition** took place on Thursday showcasing the latest in EU legislation and groundbreaking technologies.

Speakers included

Ciarán Cuffe MEP and rapporteur for the Energy Performance of Buildings Directive (EPBD); Pat Barry CEO of Irish Green Building Council (IGBC); Tomás O'Leary of MosArt; and our own Dr. Barry McCarron FCIAT, Vice-Chair of the Passive House Association of Ireland (PHAI).

The day commenced with Ciarán Cuffe's engaging presentation on the state of the energy market in the EU and steps towards the **revised Energy Performance of Buildings Directive (EPBD)**. Following the opening presentations, there were 3no. streams of talks covering Zero Emission Leadership, Future Skills & Technology and Embodied Carbon & Retrofit. The conference was well attended and the presentations were both engaging and thought-provoking.



In the weeks following the ZEB Summit, Ciarán Cuffe MEP announced that the EPBD was voted through the European Parliament with a strong majority. This new law mandates zero-emission buildings from 2030, as well as renovation of the existing building stock prioritising the worst performing buildings. Electric vehicle charging and rooftop solar photovoltaics will become the norm. Energy efficiency measures such as heat pumps, insulation and heat recovery will be boosted, and greater availability of EU finance for energy upgrades. To find out more on the EPBD, the legislative changes and timeline, head over to the [EPBD European Commission Website](#).

CIAT / ATR Practice Roadshow & Dundalk I.T. AT Professional Insight

On Wednesday, 13 March 2024, we embarked on a 'Roadshow' to **AFEC International, Reddy Architecture + Urbanism** and **RKD Architects** in Dublin to meet their ATs and present on the Institute and progress with the ATR. It was great to meet with both members and associates as well as unaffiliated ATs to demonstrate the enormous work being undertaken by CIAT on behalf of all practising architectural technologists.

On Thursday, 14 March 2024, we visited **Dundalk I.T.** to meet both students and practising ATs for a '**Membership & Professional Insight**' event with presentations from James Banks, Membership Director, Michael O'Keeffe FCIAT, Centre Chair, Patricia Mulvey FCIAT, Centre Councillor and Steffi Mindrut, ATR Registrations Administrator. Many thanks to Noel Murphy MCIAT for accommodating us and all who attended.



National Construction Summit 2024

We were back in the Sport Ireland Campus in Blanchardstown again on 18 April for the **National Construction Summit**. We were delighted to meet with members and affiliates, fellow construction professionals and exhibitors through-out the day. Enquiries ranged from **applying for membership, membership progression, BIM and life-cycle assessments** through member / affiliates specialisms, Education and CPD. We were able to share some positive updates on the ATR. This year, we tried out our VR Headset on stand in efforts to demonstrate the power of BIM and Digital Environments. Unfortunately, due to WiFi conflicts in the venue, this proved difficult - lessons learned for next year! Many thanks to our members and staff who attended the stand for the day: Jonathan Reinhardt MCIAT, Patrick Clarke MCIAT, Chao Chen MCIAT, Megan Brown, Membership Officer and Steffi Mindrut, ATR Registrations Administrator.



Building Regulations | Key Updates

with Christophe Krief MCIAT, Centre Practice Officer

Technical Guidance Document B1 - Fire Safety (2024)

On 26 March 2024, the Minister of Housing, Local Government and Heritage signed regulations entitled 'Building Regulations (Part B Amendment) Regulations 2024 (S.I. 108 of 2024)'. The new regulations come into effect on **1 May 2025 (note a variety of transitional arrangements apply)**. An updated Technical Guidance Document B has been published to accompany the Regulations in respect of Fire Safety in Buildings other than Dwelling Houses. We have summarised the primary amendments as follows:

- Inclusion of a more specific scope
- Provision of a sprinkler system in buildings containing flats, or student accommodation units with a topmost floor height of > 15 m, multi-storey Residential (care facility) buildings and reductions in compartment sizes and risk associated with specific building types which incorporate a sprinkler system
- Provision of a fire resisting flanking wall, where a compartment wall meets an external wall.
- Removal of the option of Diagram 17 for new buildings/extensions
- Changes to the fire performance of external walls to inhibit fire spread
- Additional provisions for elements attached to the building, outside the thermal envelope
- New provisions for enhanced internal firefighter access to buildings, with a topmost floor height > 11 m, but < 20 m
- New Sections - Section 6 for smoke control systems; Section 7 for existing buildings and Section 8 for sprinkler systems
- Inclusion of high-rack storage > 7 m, as 'High Hazard' under Appendix E
- Change in provisions relating to the ventilation of protected escape stairways
- Additional provisions relating to the provision of additional materials to the external walls of existing buildings
- Additional provision to provide insulated doors/shutters, where a door/shutter forms more than 25% of a compartment wall
- The new TGD has 8 appendices and 93 diagrams instead of 7 appendices and 38 diagrams in the 2006 version.

Members and affiliates are strongly advised to familiarize themselves with the new document. Click the following link to download [Technical Guidance Document B1](#). The Centre will arrange a CPD on this subject later in the year.

Technical Guidance Document M - Access & Use (2022)

A reminder that as of 1 January 2024, changes to Part M of the Building Regulations (S.I. 608 of 2022) now require a Changing Place Toilet to be included in certain new buildings and buildings undergoing alteration or extension. This means larger supported facilities must be available to address the needs of people for whom current accessible sanitary accommodation is inadequate.

Changing Places Toilets enable people with complex care needs to participate in everyday activities such as travel, shopping, family days out or attending a sporting event.

Transitional arrangements apply for projects where work commenced or planning was applied for before 31 December 2023. Click the following link to download [Technical Guidance Document M](#).

Upcoming Events

HomeBond | Right on the Site

Dates:

30 April / 2 May / 7 May / 8 May 2024

Location:

Various (see Booking Link below)

Time:

13:00 hrs / 18:00 hrs depending on venue

Cost:

Free

Information and Booking:

See [HomeBond RotS 2024](#)

Improving Energy Efficiency in Traditional Buildings Masterclass

Date:

2 May 2024

Location:

City Assembly House, Knight of Glin Room, 58 South William Street, Dublin 2 D02 X751

Time:

9:30hrs - 15:00hrs

Cost:

€75.00 (Limited places remaining)

Information and Booking:

See [Ecological Building Systems](#)

Effective Construction Project Management | CitA

Date:

14 May 2024

Location:

The Alex Hotel, Fenian Street, Dublin 2

Time:

TBC

Cost:

TBC

Information and Booking:

See [CitA.ie Events Schedule](#)

TGD Part C - Site Preparation and Resistance to Moisture

Date:

16 May 2024

Location:

Online or
Castletroy Park Hotel & Suites,
Limerick

Time:

9:00am - 4:30pm

Further Information & Registration:

Online: [NBCO CPD - Online](#)

Physical: [NBCO CPD - In-Person](#)