

AT

ARCHITECTURAL TECHNOLOGY

Founding members



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Savoy thrill

Bringing CIAT's 50th Anniversary celebrations to a close

Meet the President

Gary Mees PCIAT becomes the 27th President

End of the beginning

End of year shows at CIAT
Accredited university courses

AT magazine

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Tel +44(0)20 7278 2206
Email info@ciat.org.uk
Website www.ciat.org.uk

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Chief Executive

Francesca Berriman MBE HonDTech

Editor

Hugh Morrison
editorial@ciat.org.uk

Advertising

advertising@ciat.org.uk

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Editor's foreword

Looking back to the celebrations of 2015 and forward to the technology and the members of the future.

By the time you receive this issue of AT magazine the New Year will be upon us, but in this issue we take a final look at the events of CIAT's Anniversary year in 2015.

This issue's cover shows Founder Members George Lowe PCSAAT MCIAT and Tony Lodge PCSAAT MCIAT giving an address at the Celebratory Luncheon held at the Savoy in September. Together with Iain Elmslie MCIAT they are the surviving Founder Members of the Institute, and provide a living link with its earliest days.

On page four there is an in-depth account of the Luncheon which featured members and old and new as well as the presentations of CIAT's Awards, which

are highlighted in a separate document included with all copies of this issue sent to members.

The Awards entries that were shortlisted are featured on page 16, as their high technical standards are worthy of note. Other celebratory events in the UK and Republic of Ireland are profiled on page 12, and on page 20 you can read the final extract from the Institute's history book, *40 Years On*.

This issue is not just about looking back at the past – it also profiles several CIAT members who no doubt will be making waves in the future, such as the new President, Gary Mees (page 10), and new Chartered Members Róisín Ní Chatháin MCIAT (page 32), and

Joe Donovan MCIAT and Lindsey Ford MCIAT (page 34).

2016 sees the introduction of mandatory Level 2 Building Information Modelling (BIM) on public projects in the UK. On page 19 Betool Jabur discusses how BIM can also be used on private projects.

If you have not received your copy of the Awards brochure with this issue, please contact Silvia Faggion at Central Office by telephoning +44 (0) 20 7278 2206 or emailing info@ciat.org.uk

With best wishes for a happy and prosperous 2016,

Hugh Morrison
Editor



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50 wonderful

The Institute celebrated its half-century with a Luncheon held at The Savoy. Adam Endacott, Media & PR Director, reports on the event.

For its tenth anniversary, the Institute celebrated in Birmingham, its Silver Jubilee at Dartmouth House in London, its 40th back in Birmingham and for its 50th, it was at The Savoy in London. On Friday 25 September, 350 guests joined together in celebrating 50 years of CIAT and the discipline of Architectural Technology. Guests included Past Chairman and Presidents, Honorary Members, notable figures from the Institute's history and sister institutes, and from elsewhere within the built environment sector.

The event commenced at noon with a Champagne Reception held in The River Room. On display was a 50th Anniversary Exhibition which showcased artefacts from the history's archive along with boards which focussed on people, education and career progression, collaboration and community and Architectural Technology now and in the future. It was then a call through to Luncheon at 13:00 held in the opulent setting of The Lancaster Ballroom.

Founder members

Karl Grace, President, opened the proceedings with a welcome to all and introduced two of the three remaining Founding Members, George Lowe PCSAAT and Tony Lodge PCSAAT. George began the welcome saying 'It is a great privilege to be here. Since that meeting in 1965 we have covered quite a distance with an awful lot of effort. 50 years is a mark of success owing to so many people who have made a contribution. It is a great pleasure to work with so many good people including Francesca Berriman and her marvellous team at Central Office.' George then introduced his good friend Tony to speak: 'It is just amazing how far we have come in 50 years. I spoke with Iain Elmslie, the third of the three Founding Members

and he sends his kindest and warmest regards. CIAT is a resounding success and when you reflect on the reason why, it is easy — it has been well and carefully conceived, properly designed, soundly built and most important of all, as any good building should be, it has been properly maintained and it is a credit to all those officers and members, generations of them, since 1965, and the team at Central Office.' The 50th Anniversary film was then premiered and received a spontaneous round of applause — this can be viewed on our YouTube channel at www.youtube.com/ciatechnologist

Professor Sam Allwinkle

The first of the Awards to be presented was the Award for Outstanding Contribution to the Discipline of Architectural Technology to Professor Sam Allwinkle. Graham Jackson PCSAAT PPSAAT was one hand to make the presentation, and gave the following address:

One of the good things about belonging to an Institute like CIAT is the fact that you meet and make friends with so many inspiring and intelligent people who have contributed to and framed this Institute. We celebrate the early pioneering work of our first influential Chairmen like Alan King, George Lowe, Ted Grizzell and Phil Boyes, backed up by excellent office staff including Joan Yates, Sharon Klein, Graham Watts and Francesca but I have to say that the key to unlock our true potential has been educational development. This was initiated by John Newey and improved by David Cracknell and Norman Stephenson but raised to a new and absolutely crucial level by Professor Sam Allwinkle. I can use no better words than those of the official citation for the Award.

The work of Professor Sam Allwinkle has made a significant and lasting impact on the careers, reputation and lives of many who are working or studying within the discipline of Architectural Technology. Through his dedication to his professional body, Sam has voluntarily given a lifetime of care and commitment and through



Jim Kirwan PPCIAT and Denise Germaine, Centre Councillor for the Republic of Ireland Centre, admire the memorabilia display.

years



Members, staff and guests at the Luncheon. Inset: an extensive collection of memorabilia from CIAT's archives was on display.



Professor Sam Allwinkle (centre) receives his Award for Outstanding Contribution to the Discipline of Architectural Technology from Graham Jackson PCSAAT PPSAAT (right) with President Karl Grace.

his knowledge base, rigorous attention to details and hard work, he has made an impact to the function, discipline and practise of Architectural Technology.

He is a demonstration of an inspirational individual for former, current and future generations of Architectural Technology professionals. His tireless commitment, energy and passion for the discipline and profession are of immense credit to him.

Sam has been instrumental in the development of CIAT Accredited Honours and Masters Degree programmes and Centres of Excellence which shape the research and academic community's evolution of Architectural Technology for the betterment of the built environment. Without the consistent dedication of Sam over the past five decades, the Institute would not be the respected and renowned qualifying body that it has become for Architectural Technology. Sam is the

perfect individual to be recognised as he is a unique person who is irreplaceable.'

In his response to the receiving this special award, Sam said:

I am surprised but honoured to receive this Award at this landmark event. This Award means so much to me but many others must also be recognised as contributing to this success, my family, CIAT colleagues, staff, practitioners, fellow professionals and industry colleagues and academic colleagues.

CIAT has grown and achieved much success in the last 50 years and it has been my privilege to have contributed in part to this success. It has been some journey and together we have challenged and changed the professional landscape. My contribution has focused on the educational and membership standards as I believed that they set the benchmark and hallmark for a profession. I have attempted to challenge and change the perception of Architectural Technology as the Technology of Architecture and to develop and establish the status as a profession and an academic discipline.

Throughout this journey I have met and confronted many dinosaurs and neanderthals, challenged their practices and beliefs, including 'the divine right of kings,' rattled their cages and broken their mould! I have been called many things such as arrogant, a zealot but I have never deviated from my path and the direction I believed to be right and not yielded to any prejudice or any fear of the consequences. Of course success did not come easy and throughout the 1980's my quest appeared to be evangelistic but with few followers and I lost more battles than I won but although battered and bruised I was never defeated!

However we cannot stand still. We must always continue to develop, challenge and change in a fast changing world. Architectural Technology as a design function that relates to the anatomy and physiology of buildings and their production, performance and processes is complex and the knowledge and competences is changing exponentially and at rapid pace leading to greater specialisation. I wish our Institute success for the next 50 years —remain agile, be ambitious, be bold, be brave and be aspirational. I hope that in part I have left a legacy and may have inspired others to follow and lead and drive forward our profession.

A family of professionals

It was then over to Mark Kennett PPCIAT to present Honorary membership to Peter Caplehorn. Peter is a true professional

and has done so much for the industry and has been, and continues to be, a good friend of CIAT. He is the Policy Director and Deputy Chief Executive of the Construction Products Association and was formerly Technical Director at Scott Brownrigg.

Peter has been involved in many industry and government programmes, particularly on the technical and health and safety side of the industry. He is the deputy chair of the Building Regulations Advisory Committee and currently chairs CB, the British Standards Institution's Strategic Committee for Construction.

Peter values the skills of Chartered Architectural Technologist, and has actively promoted and supported CIAT in many areas, as a keen supporter and promoter of our discipline, Architectural Technology professionals and as a link



Above: Buckingham Palace sent a message of good wishes for the occasion, as did the Mayor of London, Boris Johnson, also. Below: Peter Caplehorn (left) receives this certificate of Honorary Membership from President Karl Grace.





Gold Awards were presented by Karl Grace to (clockwise from top left): Colin Orr PPCIAT MCIAT, Tony Lodge PCSAAT MCIAT, Graham Jackson PCSAAT PPSAAT MCIAT and Paul Newman PPSAAT PPBIAT MCIAT.

between the relationship formed by CIAT and RIBA.

Working together as a representative of the RIBA, Peter sits on the Technical Taskforce, a collective group comprising CIAT, RIBA and BRE. As such, Peter works with us to develop documents, information notes and responses which affect and benefits our practising members.

In response, having collected his Award, Peter said 'I am unbelievably delighted and honoured – I've been working with a family all these years – CIAT is a family of professionals – it is that thread which runs through everyone you meet – always the characteristic is friendship first and then professionalism – the real stand point that CIAT has as its foundation. I am truly delighted and wish every success for the next 50 years.'

Gold Awards

The next Awards to be presented were the Gold Awards. These were all given for services to the Institute and the recipients were Graham Jackson MCIAT, Colin Orr

PPCIAT, Paul Newman PPSAAT PPBIAT and Tony Lodge PCSAAT. Paul Newman said 'It has been an incredible journey and one that I have been very proud to have shared – thank you for this Award and for the years' Tony had draped round his neck the SAAT tie whose owner had been the late Philip Boyes HonMBIAT PCSAAT, 'a sound colleague' said Tony, 'and the man who set Yorkshire up and I'm wearing it in recognition of the part that he played.'

President's speech

In his speech, the President said:

It is an immense privilege to be President in this remarkable year and to be celebrating a very special anniversary with you all. I wonder how many of the 43 people who met on 12 February 1965 and founded the Institute would have thought that in 50 years' time, the then Society would become a vibrant and significant Chartered Institute approaching almost 10,000 members? What we have achieved across those five decades is truly amazing. The discipline of Architectural Technology is established as a key discipline within the built environment

sector as such Chartered Architectural Technologists are respected as one of the lead designers and project managers with their core specialism within the technology of architecture – what an achievement!

I have had the pleasure of visiting the Regions and Centres during my two year Presidency and I remain as inspired, as those 43 members were back in 1965, to continue giving my time to the Institute and to help shape, create and develop it for the future generation of Chartered Architectural Technologists which will ensure that we will be celebrating our 100th Anniversary in 2065.

The Regions and Centres allow members to network and also to contribute to the work and development of their Institute and without this backbone in place, CIAT would not be the personable Institute that it is and as many Presidents have said before me, we are one big family and I am very proud to be a part of such an extended family. I am thrilled that over my presidency the Institute's global reach has extended and we now have a seven Centres to represent members and the discipline worldwide.



Robin Dodyk MCIAT, Regional Councillor, Scotland West Region 1989-96 (left) and Paul Burton PPBIAT PPCIAT

Into the future

Past President, Paul Burton PPBIAT PPCIAT, who oversaw the Institute receive its Charter in 2005, proposed the Loyal Toast which was followed by Gary Mees, President Elect who said:

What a fantastic way to celebrate our achievements for the last 50 years; now we have reflected and celebrated our history and our current achievements we must now look to the future and my role as the next President is to drive the discipline and Institute forward into the next 50 years.

We are mid-way through our Strategic plan which sets out the Institute's vision, mission and values, up to year 2018. The work of Council will determine the policy that addresses these aspirations and Executive Board to ensure and measure our aims are set in place.

These Strategic aims set out five overarching objectives, to:

- Lead and promote the discipline of Architectural Technology and protect its standards
- Enhance the profile of CIAT and the membership
- Align, collaborate and partner
- Provide services for the benefit of members and society
- Remain an effective and financially viable Institute

positioning of Architectural Technology professionals across the built environment spectrum has allowed the discipline to evolve to become a key innovator and one to challenge and take forward the solutions, creativity and technological advancements necessary for the 21 Century; there are very exciting times ahead.

In tandem with this work CIAT has always prided itself in being keen to work openly and transparently with other organisations, for this we need mutual respect, parity of esteem, with shared interest to benefit, nationally and internationally. CIAT is open to working with all relevant organisations for the betterment of the built environment and society.

Below: Edgar Jones PCSAAT, Chairman (the forerunner of President) 1976-78, with his wife Averil.



Awards presentations

The event then moved into a celebration of success in Architectural Technology and of members' work, all of which is covered in detail in the enclosed Awards 2015 booklet with your magazine (if you have not received one then please contact Silvia Faggion. Email info@ciat.org.uk)

You can also watch all the Award presentation films on our YouTube channel: www.youtube.com/user/CIATechnologist.

Robert Hill, Vice-President Education, presented the certificates of Accreditation followed by the Student Awards for Excellence in Architectural Technology Report and Project. Joshua Slingsby was the winner of the Report and Cian Gilligan won the Project Award.

Vice-President Technical, Kevin Crawford, continued the presentations with The Alan King Award which had two winners: designplus architects for Soleil Du Soir and Patrick Bradley Architects for Grilagh Water House. He was then joined on stage by Kevin McParland, Managing Director of McParland Finn Ltd, sponsors of the Award for Excellence in Architectural Technology. Harrison Sutton Partnership was announced as the winner for Seaton House.

One further surprise presentation was made by Bridget Bartlett, Deputy Chief Executive of the Chartered Institute of Building, who made a special presentation to the President, on behalf of Christopher Chivers, President of

CIOB, with a certificate of congratulations, 'as a symbol of warmth and regards of how CIOB feels about its sister Institute.'

It was then networking and catching up until the event closed at 17:00. It truly was a very memorable day for the Institute and one that will not be forgotten in the decades to come.



Joshua Slingsby receives his Student Award for Excellence in Architectural Technology (Report).



Cian Gilligan receives his Student Award for Excellence in Architectural Technology (Project).



James Moore TCIAT receives the Award for Excellence in Architectural Technology on behalf of Sutton Harrison Partnership from Karl Grace and Kevin McParland, sponsor.



Bridget Bartlett presents a Certificate of Congratulations on behalf of CIOB.



Members, staff and guests watch the premiere of the CIAT film showing the highlights of the Institute's half-century.

Meet the President



Gary Mees PCIAT became the Institute's twenty-seventh President at the Annual General Meeting held in Edinburgh in November. Adam Endacott, Media and PR Director, caught up with him.

Congratulations on becoming the twenty-seventh President of CIAT, broadly what do you hope to achieve over the next two years?

It's important to understand that I truly believe our Institute has benefitted from all the members' contributions, however great or small, so it is not about what I will do for the Institute but more about what we will achieve.

I am obviously in the privileged position as its President and would, as I think I have always done, hope to continue by leading by example, to 'walk the walk' not just 'talk the talk' in promoting the discipline of Architectural Technology, the Institute and its members, and also promoting greater engagement by the membership at large. Ensuring.

I would like to ensure that all members, from students to the Chartered members, understand the educational and professional development CIAT has and is making for the future of the Institute and the discipline.

Do you find the role of President daunting or are you looking forward to your two-year term?

Every new challenge can be daunting but I am always up for challenging myself and feel ready for this one.

You joined the Institute in 1981, can you let us have a brief resume of your career?

As a member I have always wanted to get involved. At Regional level I held the positions of CPD co-ordinator, secretary and chairman. I then moved on to national level holding the positions of Vice President Technical then Vice President Practice. In 2007 I was recognised by my peers for the work I put into the Institute at Regional and national level and was awarded the Gold Award.

You run your own practice, how do you think you will find balancing Institute work with your practice work?

Those that run their own practice know how challenging this can be, adding the role of President will, without doubt, add to these challenges. However keeping organised along with today's digital connectivity will ease this process.

The ability to link with the office remotely means that I have access to all my documents on my laptop, this allows me to continue working on those long journeys.

I will be there wherever we need to be, promoting the discipline, the members and the Institute

What will you bring to your Presidency as a practitioner?

As a practitioner with experience in a diverse range of office types and a specific interest in management, I am hoping this experience will assist me at Executive Board and Council.

As a former Vice-President Practice and Technical, do you feel this has helped shape your visions for the future and how your Presidency will unfold?

Holding the positions of Vice-President Practice and Technical has given me a better understanding of the workings of the Institute and it has also allowed me to see and meet other members and directors of many of our sister professional organisations, which helps to understand where we sit within the bigger picture.

What has been the proudest moment of your time so far with the Institute?

It has to be becoming President of the Institute.

How do you plan to promote and develop the profession/Institute?

I will be there wherever we need to be, promoting the discipline, the members and the Institute, Regionally, nationally and internationally.

Holding the positions of Vice-President Practice and Technical has given me a better understanding of the workings of the Institute

Looking at the longer term, where do you see the Institute in the next five years?

I hope to look back, as some of our other Presidents must be doing now, to see an Institute that has grown in stature, numbers of members and an Institute that members feel proud to belong to and participate in.

When you are not involved with the Institute, what are your hobbies?

Crewing on a sailing boat in weekly races in the Firth of Forth, come rain or shine, also playing congas in a blues band having played at the Edinburgh festival and occasionally short tours of Holland with the band.

If you were stranded on a desert island, what would you choose as your favourite book, film and song?

Favourite book: *Jonathan Livingston Seagull* by Richard Bach
Favourite film (by far): *Forbidden Planet* (1956 Sci-Fi Masterpiece)
Favourite song (although I have many): *Freebird* by Lynyrd Skynyrd.

Who is your hero, or inspires you?

I am always inspired by anyone who is dedicated to their craft.



Chain reaction...Karl Grace PPCIAT MCIAT hands over the Chain of Office to Gary Mees PCIAT at the Annual General Meeting in November.

Here's to the next 50 years

Celebrations for the Institute's 50th Anniversary took place right up until the end of 2015. In this issue we report on the events in the Wessex Region, South East Region and Republic of Ireland Centre.

Compiled by **Adam Endacott**, Media & PR Director.



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Wessex Region's celebrations included a cruise on board the *Matthew*, a replica of the ship that discovered north America in 1497.

By Will Price MCIAT, Regional Chairman

The Wessex Regional Committee set about combining all its experiences to drive the Region forward into the next 50 years. The key to our ongoing aims is a passion to make every member feel welcome, provide a transparent and open forum for integration and above all convey to our Regional members that we are here to serve them.

The Committee had the ambition to provide members with a 50th Anniversary celebration to reinforce what we have achieved, and create a forum for discussion of how we move forward.

As that seed started to grow, we had no idea what to expect as our time scales were short and resources limited. As one of the smaller Regions, with approximately 250 members, it was hard to anticipate how much membership engagement we would have. The Committee set about pulling together many strands of ideas with it very quickly becoming apparent that we could be on to something unique.

With Bristol being the European Green Capital and CIAT representing the very core of the technology of architecture and pioneering research, we felt we needed to make a landmark moment that would be visible to our fellow institutes and

cement CIAT as the 'go-to body' for the technology of architecture.

In order to deliver the type of event that our members deserve and truly represent the progress the Institute has made over the last 50 years, we looked for a sponsor, and were able to secure TH White Energy. They are a company with a deep-rooted history in the south west, having being founded in 1832, with an mandate to protect and enhance clients' assets through customer service and advice.

The event then grew and TH White were able to provide the latest technology in the form of, amongst other things,



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Former President Neil Dransfield PPBIAT MCIAT addresses the Wessex Region members and guests.

prototype battery storage technology. This was unique; the Wessex members and our guests were the first in the UK to see it and we cannot even mention its name for legal reasons (see if you can spot it in the pictures). Why was this important to the Committee? Because our invited guests represented a diverse cross section of the development world, from RIBA to Constructing Excellence and G4C right through to Boeing, the National Trust, local universities and more.

The reception, on 6 August at the M Shed in Bristol, was not just about technology though it was about the past, the present and the future. The event was lucky enough to hear from the President, Karl Grace, President Elect and Vice-President Practice, Gary Mees along with Past President and then Chair of the Region, Neil Dransfield along with our Chief Executive, Francesca Berriman MBE also at the event.

What they brought to the party was a wealth of experience and enthusiasm for the Institute; anyone who had the chance to speak to them will know that they are open and honest about the work to be done and members are encouraged to seize the opportunity to be involved with the Institute. It is what you make of it — the Institute is here to help realise every single member's aspirations.

So what did we achieve? Well, the Reception was a resounding success

with over 140 attendees, many of whom were members. We enjoyed fine weather, fantastic views of the Bristol cityscape; including the spectacle that is the balloon fiesta, along with great locally sourced food and drink to top off a perfect evening of socialising and networking with friends.

Here is an extract from Neil's speech which I would like to share with you:

The Institute has a great strength — it has changed and developed fundamentally in its 50 years — alongside the seismic shifts in construction and technology. CIAT was born to embody change and continues to celebrate development in construction and design technologies. Bear in mind the changes that have taken place, reflected in many ways by the sea changes in Bristol and its surroundings in the same timeframe.

When I joined the Institute I could not have imagined how the profession would have developed over the past 50 years and that I would have the privilege of welcoming you to this celebration. I had the great luck to start my career 50 years ago this year when an enlightened contractor set up a design practice and needed an 'architectural technician'. They built in team working then. You may say those teams had other problems — measurements were in acres, yards, feet and inches, weights were in hundred weights, stones and pounds and prices were in pounds shillings and pence. Bills

of Quantity were just a little tricky to price — and no calculators!

Importantly though, what was changing even then were building materials, technical requirements and building codes. Those challenges were our members' forte. The pace of change has increased dramatically since. Again our forte. It will continue to do so. Still our forte. On those strengths we have grown to Chartership and have earned the admiration and respect of others.

What now for the future? The Wessex Region still needs help whether it be experienced members bringing a wealth of knowledge or new members bringing passion and enthusiasm — there is a role for everyone. The Wessex Regional Committee is determined to help all, from school leavers considering their next move, to our student members achieving the best in education through linking academia with practice, promoting a seamless transition to the professional workplace.

We have a desire to help all those that are ACIAT become MCIAT and create an inclusive Institute that helps those that are MCIAT achieve their aspiration. The Region needs to keep building its membership engagement and we would encourage everybody to join the Regional LinkedIn group, take part in CPD events and provide ideas and feedback on how we can continue to grow over the next 50 years.

South East Region



Sarah Radif MCIAT, (front row, second from left), Francesca Berriman MBE HonDTech and Alex Naraian MCIAT with students from Southampton Solent University in the dining room of Brighton Pavilion.

In the heart of the South East Region there lies the favoured seaside resort of Brighton and it is here that the Regional Committee held their 50th Anniversary Reception for one of the Institute's largest Regions. Around 150 people took part in the event on 9 October 2015 held at the Royal Pavilion and groups enjoyed engaging private tours of the building, designed by John Nash in 1823.

The building, constructed for HM King George IV, is itself a lesson in Architectural Technology; the nostalgic 'Indo-Saracenic' exterior concealing a cast iron internal framework, the cutting edge technology of the day.

Following the tours, the evening continued in the Banqueting Room and amongst all the opulence and splendour, everybody was formally welcomed by Regional Chairman Rob Thomas who went on to introduce the Mayor of Brighton and Hove, Councillor Lynda Hyde who gave a humorous speech, and who was very pleased to be celebrating the Institute's milestone. The Mayor was then presented with a special birthday cake. Speeches were also given by the President and President Elect and

completed under the competent leadership of Alex Naraian MCIAT, Regional Councillor. Networking and drinks followed.

The Region was very pleased to see a large delegation of students from the Accredited Architectural Technology degree programme at Southampton Solent University. Featured at the event was a display of Solent students' drawings, sketchbooks and models, as well as an exhibition of architectural tools, old and new, manual drawings and draughting tools, handmade and 3D printed models.

Sarah Radif MCIAT, Course Leader said 'This was such a popular and exciting trip, which students found both enjoyable and useful. We are proud of our strong links with the industry and CIAT. With more than 30 students attending, Solent had a visible presence as this Regional event. Students who took part gained extra value to add to their learning experience at Solent.'



The Lord Mayor meets Regional Committee members – Rob Thomas, Regional Chairman, Michael Greve, Regional Education Officer, Stacey Taylor, Regional CPD Officer and Mark Bouch

Republic of Ireland Centre



The Lord Mayor of Dublin, Ardmhéara Críona Ní Dhálaigh, gave the formal welcome.

The Republic of Ireland Centre marked the Institute's 50 years with a celebratory Reception in the Oak Room at The Mansion House in Dublin. The event took place on Monday 19 October and welcomed professionals and important figures from the built environment within the Republic of Ireland and those in Northern Ireland. A welcome address was given by the Lord Mayor of Dublin and both the President and President Elect gave speeches highlighting the achievements of the past 50 years but also the bright future that lies ahead for the Institute and Architectural Technology.

Denise Germaine MCIAT, Republic of Ireland Centre Councillor and Chairman said 'We were delighted to celebrate 50 years of CIAT with a reception generously hosted by Ardmhéara Críona Ní Dhálaigh, Lord Mayor of Dublin in the prestigious Mansion House. The Institute has been instrumental in raising the status of Chartered Architectural Technologists in Ireland as experts in the technology of architecture.'

The Lord Mayor of Dublin, Ardmhéara Críona Ní Dhálaigh, said 'It was a pleasure to join CIAT members and other guests in celebrating this momentous occasion. I wish the Institute well as Chartered Architectural Technologists continue to flourish in Dublin and beyond with a vital role in the design and construction industry.'

The Greater London Region also held a Reception on 4 December 2015 which will be reported on in the next issue of AT.

Below: The Founding Members of the Republic of Ireland Centre (from left) Jim Kirwan PPBIAT MCIAT, Robert McKee MCIAT, Denise Germaine MCIAT and Martin Meehan MCIAT.



Shortlisted projects

The Award for Excellence in Architectural Technology and the Alan King Award 2015 received a large number of entries of exceptional quality, so much so that it was decided to publish details of shortlisted projects as well as winners. In this issue we look at three entries in the Award for Excellence in Architectural Technology.

Marlborough House

Doncaster, South Yorkshire

[DMBC Construction Services](#)

Doncaster Metropolitan Borough Council SOLA (Sun Orientated Local Authority) residential 'Typologies' were collaboratively designed and developed with St Ledger Home, the council's Arm's Length Maintenance Organisation. (ALMO).

It was the desire of the client that the units should be constructed via traditional methods. This desire was driven by the apparent need for unit robustness in response to potential transient tenant use and the resulting 'life-cycle' maintenance on costs associated with this. The units are constructed from masonry cavity walls, beam and block suspended ground floor construction, blockwork internal ground floor walls and timber first floor construction. The output is a very buildable unit with minimal constructional complexities.

The proposed units were the first new local authority owned dwellings to be constructed by Doncaster MBC for thirty years and as such there was a strong desire to produce a product that was both aesthetically pleasing and high performing. The department worked to 'futureproof' the designs, where practical and economical, in order to ensure that housing stock could be readily adapted to satisfy both future user and legislative change.

During the design development process it became clear that property adaptation, ie to suit the specific needs of disabled tenants, accounted for sizeable annual LA expenditure. In response the design



The council's designers studied private sector projects to avoid an institutional look.

included flexibility within the floor plates to allow for potential future adaptation. Good examples of this include the provision of ground floor WCs designed with the facility to convert to a ground floor 'wet' room, ie with shower tray buried within the floor screed along with associated drainage gully and water provision for shower connection, if required. Attic trusses were introduced as standard to residential units – this

allows for conversion of the attic storey to useable floor space. In order to reduce the historic social stigma associated with council housing and council estates, the Construction Services design team studied private sector residential products during the design stage. The result is a suite of contemporary residential units and layout designs comparable with private sector developments in the borough.



Exposed services and sustainability features can be used as a teaching resource.

Discovery School

Newcastle-Upon-Tyne

WSP/Parsons Brinckerhoff

Discovery School is a specialist science, technology, engineering and maths school located in Newcastle city centre. It combines a state-of-the-art new build wing with an imaginative refurbishment of a historic warehouse building. The two buildings are united by a full height glass atrium. This provides a new learning plaza creating a large presentation zone with a treble height projection wall which can be viewed from all levels. It was a crucial part of the client's brief that the facility engendered a sense of business, and provided an environment that pupils might find in similarly related science and technology based workplaces.

The construction techniques selected for the new build wing were simple, repeatable and economic. The refurbishment of the old warehouse wing included the complete re-cladding of the structure to match the new build element

of the scheme but many of the original internal features were retained. The glazed link between the two wings forms a focal point. Designed to be naturally ventilated, but unheated, it provides valuable additional teaching space at low cost. Flexible teaching zones and lounges with partitions, pivot doors, hubs, booths and fixed learning lounges have been provided.

The design acknowledges the need for small or individual learning zones. There are a series of learning lounges for 20 students, cluster spaces of 4-8 person desks, work booths for one-to-one pupil/teacher sessions and IT black box configurations with dividing screens for individual private use.

This school was designed to energy efficient BREEAM principles with an economically optimised life and reduced carbon.

Space-planning is based on an innovative Swedish model for personalised learning. Multi-functional, flexible space supports the varied ways modern students learn and interact. There are partitions, pivot doors, hubs (internal and external) and booths. This agile environment is able to adapt to short/medium/long-term change.

The full height glass atrium provides a new learning plaza creating a large presentation zone with a treble height projection wall which can be viewed from all levels.

Exposed building services required careful co-ordination of acoustic panels and services, through the BIM model, to ensure the result was aesthetically pleasing. The building fabric and services have been designed as a showcase for sustainability. Exposed services and sustainability features can be used as a teaching resource. Features include:

- Sustainable blockwork (45% recycled content and 20% carbon footprint reduction)
- Solar control glass and enhanced insulation.
- Longspan cladding panels to reduce the extent of secondary steelwork and build costs
- Hard landscaping which reduces the demand on the sewer system by 40%.
- Innovative hinged solid insulated ventilation panels providing robust intuitive ventilation
- Photovoltaics and MVHR



Above: the mezzanine level is hung from the existing structure. Inset: the 17m high 'vertical laboratory'.

University Technical College, Norfolk Norwich

LSI Architects LLP

The brief from the client was that the building was to feel like a workplace as opposed to an educational establishment. This vision is realised by locating the UTCN within a re-modelled industrial unit – it provides a large volume, open plan environment akin to industry reducing the step change from traditional education to the workplace for 14-19 year olds.

A new 17m high tower denotes the entrance to the UTC and is designed as a 'vertical laboratory' providing students with ground, mezzanine and roof level access where experiments at height can be conducted within a safe and controlled environment. The open forum is the heart of the scheme providing a hub for activities and a space for presentations.

Inserting the complex array of spaces for a college with 300 student places into a large warehouse structure gave rise to a 'box in a box' approach whereby cellular accommodation was arranged around a central 'forum' space minimising costly enhancement and intervention to the existing building fabric.

The challenges of refurbishment and transformation of a redundant warehouse required some thoughtful interventions by the design team, including additional thermal and acoustic enhancement to achieve statutory compliance.

In order to satisfy the regulations, a maximum mid-frequency reverberation time of 1.5 seconds was required within the forum space, which was a significant challenge in a large industrial building. It was achieved by installing 700m² of acoustic absorption within the forum space through a combination of ceiling rafts and coloured wall panels.

The new mezzanine is hung from the existing structure, rather than supported from the floor slab, providing a ground floor space completely free of columns.

A coordinated 3D model was used to assess the visual impact of the required structure and the new steelwork and exposed services complemented the industrial aesthetic of the interior.

Service corridors were formed to the perimeter of the cellular accommodation to ease distribution and improve maintenance access. They also provide an interesting engineering backdrop to the learning activities within.

The re-use of the existing building significantly reduces the building's whole life carbon analysis. The acoustic and heating/cooling requirement to the classrooms and social/office areas led to the box in a box concept, allowing for control of environment with air source heat pumps and exhaust air heat recovery. 300m² of photovoltaic cells supplement the building's electrical load.

The design was carefully integrated with the existing accommodation to ensure that the new mezzanine level was at the same level as the existing first floor, allowing inclusive access for all to the upper floor.

Strictly public?

BIM Level 2 is not just for large public projects. Betool Jabur MCIAT looks at its use in the private sector.

Building Information Modelling (BIM) Level 2 in a nutshell, is digitised platform holding data-rich information from early concept stage through to demolition.

The notion of having a collaborative BIM environment has been widespread within the construction industry for some time; however as the UK government mandate stipulated that BIM Level 2 must be adhered to on all public projects by 2016, BIM soon became a buzzword within the built environment, both nationally and internationally.

During the last decade BIM Level 2 was seen as an expensive facility to have within a practice, especially as large corporations took to the stage with its implementation on elaborate projects such as airports and stadia. Consequently the use of BIM appeared to be concentrated on high-profile projects.

In the midst of recession and with the 2016 mandate deadline encroaching onto the construction industry, it was just as important to stay ahead of the game within the domestic market. Here at Millson Associates we have seen the benefit of implementing BIM Level 2 on elite public domestic projects and therefore we have gone one step further and have implemented our BIM Strategies on privately funded projects.

As with larger more complex projects the use of coordinated models allow us to investigate 'pinch point' areas and produce integrated 3D details for design team solution meetings. With the use of data rich software we have seen effective results in time management, as the automation of data rich schedules throughout the lifecycle of projects allow for continuing project cost analysis, programming and overall review.

We have found that by using BIM on large residential development sites we have eliminated costly onsite clashes as federated models are checked by using clash detection software. We have also found the 3D model environment to be particularly useful when submitting a scheme for planning permission as 3D visuals assist with putting a site in context to its surroundings.

It is just as important to have collaborated integrated information models on domestic projects as it is on stadia, as the intricate spaces within houses make a difference in the makeup and overall feel of wellbeing forming a home.

Domestic development sites spanning tens or hundreds of acres benefit from the use of these federated models especially when generating off-plan sales, by using computer generated imagery (CGI), annotation and even virtual reality visualisation techniques. The prospective clients are able to visualise what they are purchasing, so cost certainty and client satisfaction can drive projects through to a successful finish.

These techniques can be achieved via both Open and Closed BIM. As the construction industry moves forward within this collaborative

The prospective clients are able to visualise what they are purchasing

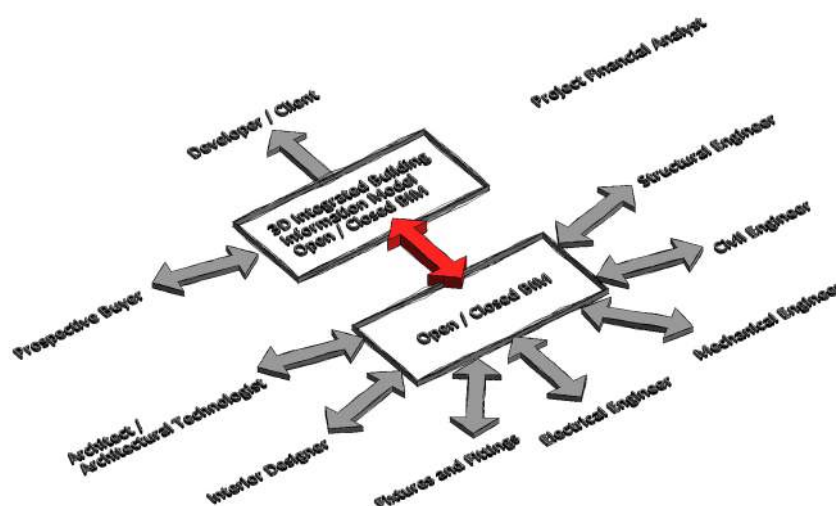
exchange of information platform, Open BIM is becoming the norm within multi-disciplinary projects as opposed to Closed BIM.

Open BIM offers a uniform space where all involved within a project can add, manipulate and extract data freely as and when needed from Building Information Models to execute tasks and objectives without the need to request the information from other parties.

Open BIM within the domestic sector provides a common data platform for the developers, designers and even clients to use, allowing constant project assessment and documentation quality control.

Nevertheless Closed BIM, which is the most commonly used collaborative method currently within the built environment offering multidisciplinary integration on projects, has limitation of access as the 'upload and download' procedure still takes place.

For that reason it can be said that BIM implementation within the domestic private sector is just as significant if not more significant than its use in the public sector (regardless of which implementation route is taken) for an efficient and successful project.



CIAT: the first fifty years

In the fourth, and last, in our series of articles celebrating the Institute's 50th Anniversary, we look at the changes that happened in the 1990s in this extract from *40 Years On: A History of the Chartered Institute of Architectural Technologists* by Adam Endacott, Archivist.

Nineteen ninety-four was a busier year for the Institute, and also a sad one as John Sadler the Immediate Past President died on 9 January aged 57, after a long illness.

BIAT became a member of the Construction Careers Forum on 28 March and President Chris Pike began discussions with government officials, RIBA and ARCUK (Architects Registration Council of the UK) in seeking more appropriate recognition of the Institute.

It was decided at the AGM, from 1 May all practising members (excluding students and retired members) would have a professional obligation to undertake 35 hours of Continuing Professional Development (CPD) per year. CPD is the process by which members maintain and continue to improve their personal professional competence. The scheme has been in place since 1985.

Technicians to Technologists

On 23 April, an Extraordinary General Meeting was called and held to consider the longer-term strategic view on the way ahead for the Institute. Emphasis was placed on the best way to position the discipline and Institute for its future well-being. The main discussion was on the changing of the Institute's name. The majority believed that 'British' should be retained, with the need to move away from the word 'technician' in the title, and this was not strongly challenged. The EGM delegates unanimously decided that the company name be changed. It was agreed that the British Institute of Architectural Technicians should become British Institute of Architectural Technologists in order for it to:



Delegates at the 1995 AGM

- support the development of degrees in Architectural Technology and NVQ/SVQ Level 4 in Architectural Technology.
- reflect the development in training and skills necessary for a modern construction industry.
- improve the position of members in the construction process and to strengthen their profile and recognition
- better indicate how the qualification fitted with other professional qualifications in the industry.

As a result the acronym and qualifications remained unchanged. Council also endorsed the name change of BIAT Services Ltd to Architectural Technology Services Ltd with effect from 20 May 1994.

To launch the name change formally, on 13 July, a President's Luncheon was held in the Council Room at the Institution of Civil Engineers. President Chris Pike said that 'the change of title to technologists has come at an appropriate time'.

Also at the luncheon, the Institute's new award was launched: the BIAT Open Award for Technical Excellence, replacing the Technician of the Year Award.

The award was to be in the form of a plaque for which could be permanently attached to a building, with a certificate for the winner. The award was specifically designed to promote technical excellence in the Architectural Technology field. The student award was won once again by Guernsey College, and membership stood at 5941.

Accredited degrees

The year also saw the first three degrees in Architectural Technology to be Accredited by BIAT: Luton University, South Bank University and the University of Ulster. The actual first institution to offer a degree in Architectural Technology was the University of Huddersfield. The Institute had begun moving to degree based qualification for membership.

A grant was also sought from the Employment Department to fund the development of an S/NVQ in Architectural Technology led by Professor Sam Allwinkle MBIAT and David Cracknell MBIAT. Following on the theme, Robin Whittaker MBIAT became the first Architectural Technologist to receive the new BSI Quality Standard, the BS EN ISO 9001/1994 Certificate.

The AGM took place in Liverpool on 26 November 1994 and was held at the refurbished Liverpool Town Hall. Member, Councillor Roger Johnston MBIAT had the honour of holding the Office of Lord Mayor of Liverpool at the time and it was he who had invited the Institute to hold the AGM in Liverpool. The Lord Mayor was host at a Civic Reception in honour of the Institute, with President Chris Pike as Guest of Honour.

Resolutions at the AGM included the introduction of a new class of membership; Profile member, for those who were ineligible for Associate membership. The Code of Conduct was also amended to include a clause requiring all members providing services directly to a client shall obtain and maintain adequate professional indemnity insurance.

Assessment Boards for membership had successfully been running since 1970 and to cope with the increasing demand of members applying for their full Membership interview, a number of new Assessors had been recruited. To monitor, train and support this large number of Assessors, a team consisting of Graham Jackson, Dudley Hewson and Chris Pike created a group of Moderators whose role was to monitor and assess Assessors in an interview, to ensure they were carrying



President John Sadler. The South East Region Student Award was named after him.

out their role effectively and consistently. This system worked extremely well and as Graham Jackson said 'we should be proud of the fact that full Membership of our Institute is awarded by one's peers'. As part of the celebration for the Institute's thirtieth anniversary in 1995, the winner of the first BIAT Open Award for Technical Excellence was awarded to Ahrends Burton and Koralek for their work on the extension to the Docklands Light Railway at the Architects' Journal Centenary Dinner. From 1 February, the first profile members were admitted but not issued with a certificate or the right to refer to the Institute in any business dealings.

In the South East Region, the John Sadler PPBIAT Memorial Salver was

introduced, to be awarded to a student or students in the Region. The award was to be presented annually to a regionally selected academic student who completed his or her vocational training in spite of 'overwhelming odds'.

Architectural Technology magazine

In August, the *BIAT Bulletin* was discontinued and in September a new publication was launched called *Architectural Technology; the journal of the British Institute of Architectural Technologists*. The new magazine was designed to raise the Institute's profile within the construction industry and so was originally circulated with the *Architects' Journal* and *AJ Focus*. Total circulation figures for the magazine



Meet the Moderators:
(From left) Chris Pike,
Dudley Hewson, Sam
Allwinkle.

increased to approximately 24,000 readers. Also during the year, the Institute encouraged more universities and other higher education institutions to introduce into their curricula a BSc honours degree course in Architectural Technology in the hope that by October 1996 several courses would be on stream. Membership of the Institute stood at 5726 members.

In line with the new Code of Conduct clause, in September all members of BIAT providing services directly to a client were required to obtain and maintain adequate professional indemnity insurance, to protect both themselves and their clients.

The student award was bestowed again on Richmond Upon Thames College, with its students' design for a health complex. The twentieth AGM was held on 18 November 1995 at the Albany Hotel in Birmingham, which combined workshops, an exhibition, Dinner Dance and AGM altogether for the first time. The main resolution to be passed was the introduction of a new Code of Conduct, which had not been changed since July 1980 apart from minor amendments. The new code was unanimously approved. On 30 November Chief Executive Peter Yeo left the Institute to embark on a new

project. Francesca Berriman, who at that time was Deputy Chief Executive, was appointed to the post of Acting Chief Executive.

In December, Chris Pike handed the Presidency to Professor Sam Allwinkle, who began his term of office with the formation of an Innovation and Research Committee, to take on the challenges relating to innovation and research in the built environment.

Professor Sam Allwinkle began his term of office with the formation of an Innovation and Research Committee

Its inaugural meeting was held in March 1997. Back in 1979, Brian Dickson, then Chairman, introduced Sam saying 'here is a man who can help us with education.' Sam had been Vice-President Education for the previous ten years.

In the same month, Ivor Mills MBIAT retired as Councillor and in appreciation of his services, loyalty and commitment to the Institute during his thirty years of membership, the President on behalf of Council presented Ivor with a certificate of thanks and a couple of small gifts.

Francesca Berriman

On March 23 1996, the Institute had a new Chief Executive — Francesca Berriman was officially appointed to the role at a Council meeting. Commenting on the decision, President Sam Allwinkle said 'Francesca has extensive knowledge of the work and aims of the Institute and is an excellent choice for Chief Executive. She has consistently proved herself to Council, members and Officers alike, and we are delighted that she will be continuing to promote the work of the Institute as its new Chief Executive.'

In June, the NVQ Level 4 Architectural Technology course ran as a pilot scheme with validation and accreditation awarded in November. Total membership was now 5634 (10 honorary, 3578 full, 401 retired, 1101 associates, 10 lifetime, 103 students, 431 profile).

An updated version of Forty Years On will be available in 2016 and issued online via our website. If you have any memories or artefacts that you would like to share with the Archivist, then please contact Adam Endacott, adam@ciat.org.uk or telephone +44(0)20 7278 2206.

Chris Pike (left) presents the first Open Award for Technical Excellence to Peter Ahrends of Ahrends, Burton and Koralek architects, 1995. Below left: the Lord Mayor of Liverpool, Institute member Roger Johnston addresses the Institute in 1994. Below right: Francesca Berriman on becoming Chief Executive in 1996.



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Radical Pedagogies: Architectural Education and The British Tradition

Edited by Daisy Froud and Harriet Harriss.

It is important to note that when they say 'architectural education' the editors of this book really mean the education of architects. After all, an Architectural Technology professional will undertake architectural education, but you will not find the briefest mention of our profession in this collection of essays on the subject. The epilogue of this book begins with 'This book was designed for immediate obsolescence' although one wonders whether this is wishful thinking rather than reality and whether some of the really very good ideas put forward will remain just that, good ideas only.

On the face of it this book looks like heavy reading, with a foot firmly in the academic and the almost repetitive use of pedagogy in all the essays when in reality one suspects 'teaching' has been edited out on multiple occasions. However, that aside I found this book to be a fascinating collection of sub-chapters broadly based around four main themes of architectural education. Each sub-chapter or essay is written by separate commentators and these range from academic tutors to recently qualified students and experienced practitioners.

The first part of the book focuses on the history of architectural education, a kind of 'how did we get here?' in both education and practice. An interesting resume of how architects went from 'master builders' to the individuals (and not so individual according to the book) that come from the approved courses of the modern era. It is as much about politics as it is about the changing face of the built environment and it only touches on those professions that developed out of the roles that the traditional architect left behind.

If I were a student choosing a course right now, the sections on the reality of modern architectural education and practice

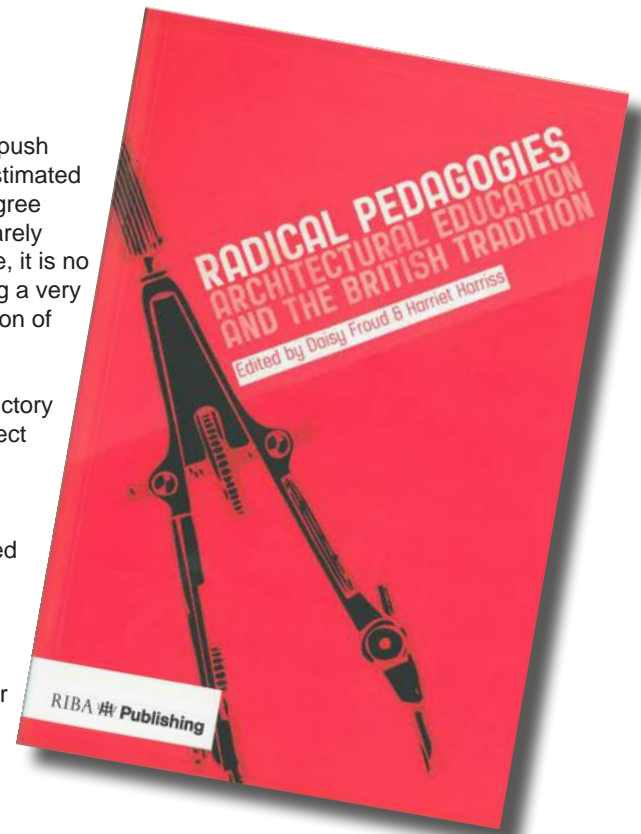
might well put me off or at least push me in another direction. At an estimated £100,000 plus to complete a degree in architecture that seemingly barely prepares you for a life in practice, it is no wonder that the industry is taking a very introspective view of the education of the architects of the future.

At times the narrative is contradictory and confused as you would expect from a text composed of so many different view points. It is interesting that whilst we have wrestled with 'what is a Chartered Architectural Technologist?', it seems that architects are in fact currently wrestling with 'what is an architect?' and the opposing views on the subject do make for interesting reading and further discussion.

Anybody who has followed 'protection of function' posts on social media may be interested in the call to deregulate the industry

I think this book is as relevant to AT professionals as it is architects, from it we can see that we too may end up limiting our prospects if we do not learn from both our own and their mistakes. Perhaps we should in fact be wary the calls to specialise the broad education of architects in Jack Pringle's and Holly Porter's essay that may well bring 'technical architects' into direct competition with our own profession.

Anybody who has followed the myriad of 'protection of function' posts on social media may be interested in the former RIBA president's call to deregulate the



industry just as a small hardcore of architects look for support to regulate us (and other complementary professions) out of the industry.

I would suggest that this book is a good read for all of us, Chartered Architectural Technologists to students to educators and I also hope that we do not find ourselves the subject of a similar publication down the line. It is all about evolution, something that we since our fiftieth year have become very adept in; and perhaps our architect colleagues could learn a little bit from how we do things, as we can inevitably learn from them the dangers of resting on our laurels.

Review by Dan Clements MCIAT

RIBA Publishing May 2015. Paperback. 304pp. ISBN: 9781859465837. £35.00

Showstoppers

Talent in Architectural Technology starts young – as the end of year shows for CIAT Accredited programmes demonstrate. Compiled by Jack Wilson, Membership and Education Administrator.

University of Bolton

Architectural Technology students at University of Bolton displayed their final year projects including a retrofit/refurbishment project on a campus' redundant sports hall and new development for a complex manufacturing facility.

Students worked on developing retrofit solutions while redefining the old sports hall space into a new conference centre with outstanding green credentials. The final year interdisciplinary project was sponsored by Cummins Turbo Technologies who challenged students with a very complex site and a detailed brief, demanding creative and buildable solutions for new facilities including

manufacturing, administration, welfare and a sizable car parking space. Students worked in multi-disciplinary groups and competed for a top place both as groups and as individuals.

The second year students' project was sponsored by Bolton Metropolitan Council with a brief for designing transition accommodation for single male homeless residents. Students were required to develop innovative sustainable and fixable solutions.

Outstanding projects were awarded by project sponsors at the opening ceremony of University of Bolton's Creative Degree Show on 11 June.



Cardiff Metropolitan University

The degree show was well received by visitors and representatives from local architectural practices. Many practices left 'calling cards' besides students' work and several jobs were gained as result of this showcase of their talents.

This year's project was for a new cultural arts centre in Cardiff Bay. The waterside setting for the centre is in a key location on undeveloped land between some landmark buildings, including the *Senedd*, the Welsh National Assembly, building designed by Richard Rogers. The design brief required students to consider the environmental credentials of their building, not just detail design

and construction but also to appraise performance when in use. We endeavour to encourage students to think about designing out waste, following the principles of WRAP (Waste and Resources Action Programme).

Some projects considered re-use of materials and systems including: use of shipping containers; locally sourced materials of low embodied energy (eg rammed earth walls) and off-site manufacturing systems involving various pre-fabricated modules.

Within a few weeks of project completion several students secured jobs or

interviews which is just reward for their skill and commitment. The Capita Symonds award for best student project was awarded this year to Elliot Board with second prize given to Nicola Murtagh and a commendation to Samuel Latham.

Alexandra Benson received the CIAT Outstanding Student Award and the School prize for contribution to the academic life of the programme. The graduation ceremony took place in July this year in the imposing Millennium Centre in Cardiff Bay.

Tony Whyman MCIAT



Inspiration and anticipation:
the show at Carlow

Institute of Technology, Carlow

The exhibition, held in May 2015, strongly reflected the strengths of the Architectural Technology programme at IT Carlow, which focuses on sophisticated technical design, in order to address the increasingly complex issues encountered by technologists and as highlighted in the 2014 SBS.

Our approach centres around problem-solving through hand-sketching, which is seamlessly integrated with the latest software and BIM tools across

all of the years of study. The students' technical design process is supported by a series of modules that feed into the projects at the appropriate times, providing the appropriate scaffolding and background as required. This process culminates in Year 4 with two substantial projects addressing the specialist areas of Conservation and BREEAM assessment. The emerging recovery of the construction industry in Ireland is tempered with an ever expanding range and depth of legislation to be complied

with; we believe that our Architectural Technology graduates will be prominent in addressing these challenges.

The exhibition was both popular and widely attended over its three week tenure, as well as providing a perfect 'overview' introduction to the student's work for the visiting CIAT and RIAI boards.

Huddersfield University

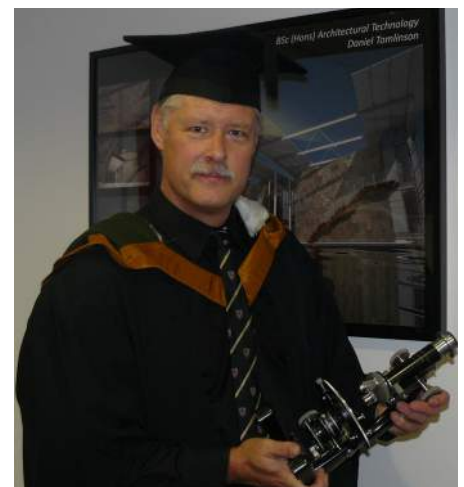
The show was open for a whole week in July and approximately 400 guests visited the exhibition including former students, prospective employers and an impressive array of CIAT Yorkshire Region members. On the opening night the winners of the following annual prizes were announced:

WH Jessop Prize: Most Outstanding 2nd Year Student; Louise Hyatt. Brian Hawksworth Prize: Most Outstanding Technologist: Chris Benson. Ralph Grocock-Drury Prize for Student Contribution to the Course: Fernando Lanni. Henry Hollingsworth Prize: Most Interesting Dissertation: Chris Wood. CIAT Award for Outstanding Achievement: Ajay Patel.

Amongst the most stimulating AT work attracting comment was the new school

of architecture designed by Ajay Patel and another scheme by Karl Higham. Course Leader Charles Hippisley-Cox MCIAT commented 'This was great bunch of students, each of them really engaged with the course and producing work to an exceptionally high professional standard. I would like to take this opportunity to thank two part time members of staff; Ray Elysee and Jon Moorhouse for their inspirational teaching. Without such a team it would have been impossible for the course to have been consistently at the top of all the national league tables.'

Second year work was also on display and the well-considered refurbishment schemes of Jonathan Lloyd and Andy Ngoc were noticed by the special guests. Our second year prize was awarded to Louise Hyatt for consistently high standards across all her projects.



Charles Hippisley-Cox MCIAT was presented with a petrological microscope in recognition of his 20 years' service as course leader at Huddersfield University. Staff member Peter Hogg also received an award.

Leeds Beckett University

The BSc Architectural Technology Degree Show at Leeds Beckett University, which was held in May 2015, turned out to be a great opportunity to celebrate the success of our students, across all levels of study. Students' projects were exhibited in sequence in the form of a slideshow on three large screens, one for each year of study. The display provided a snapshot of the

work undertaken, which consisted of a variety of projects, both residential and educational, and included feasibility studies, architectural drawings, construction details and 3D renderings. Students' talent and diversity, as well as their hard work throughout the year emerged from the display and became very apparent to all our guests and bystanders, who were all impressed with

the design quality, attention to detail and high standard of communication. We have been running this annual event for a number of years now and we believe it to be a powerful incentive for our students to better themselves, as well as a well-deserved reward for all their efforts.

Anna Pepe, Senior Lecturer and Personal Tutor

Cladding concept for Kirkstall Forge primary school by Irfan Khan, Leeds Beckett University.



London South Bank University

The theme for this year's end of year show, held in May, focused on students' final design projects, where they were asked to work in a group to develop a sustainable mixed use development site in south-east England. It challenged students not only in their design, technical and management skills, but also their leadership and team working skills.

It was an exciting and successful event where we invited members of staff and

students from architecture, engineering and construction backgrounds within the School of the Built Environment and Architecture to review students' hard work and show their support. It was a very insightful experience for our final year students as they received useful feedback from other professionals.

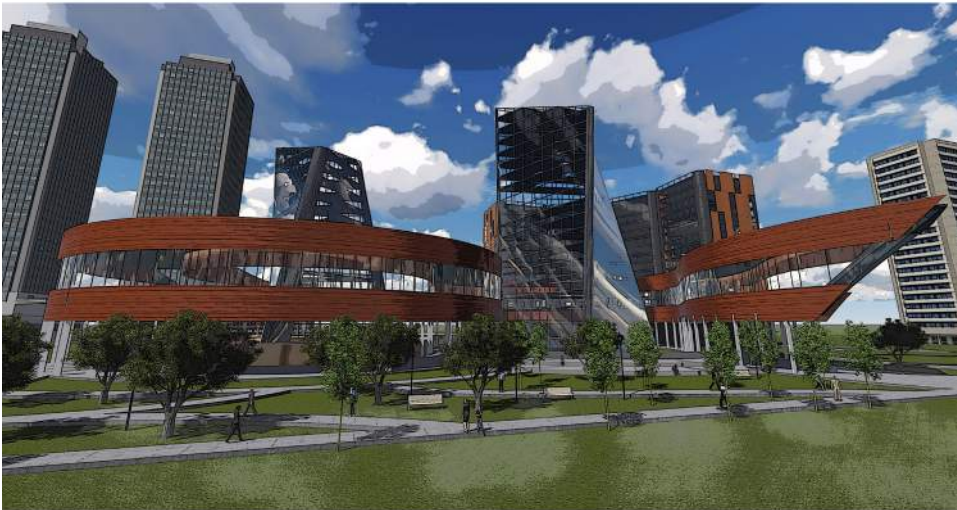
Adam James, final year student, echoed the positive outcome of the End of Year Show strongly: 'I found the Architectural

Technology degree show to be a useful and enjoyable event. It was a good opportunity to speak to a wider audience about our design project and present the work for critical review.'

We wish everyone all the very best in their future and career! We are really looking forward to the next academic year.

Jennifer Hardi MCIAT, Course Director

Sheffield Hallam University



Sheffield Hallam students published a comprehensive Yearbook outlining their achievements. Left: a student design for the Concepts and Design in Technical Architecture module.

Southampton Solent University

For the second year, 'Celebrating Students' Success' was the theme for Southampton Solent University's end of year built environment degree show, held earlier this summer.

The event was organised in association with CIAT South East Region, Chartered Institute of Building (CIOB), Capita and BRE Academy.

A selection of final-year research projects, dissertations, and project work from the BA (Hons) Architectural

Technology, BSc (Hons) Construction Management, and BA (Hons) Interior Design courses were featured.

The event started with over 20 employers attending the Built Environment Annual Employers Liaison Panel to discuss a variety of issues that are of mutual interest to the built environment courses and industry. The evening was filled with great sense of pride and was attended by a large number of guests, a fitting tribute to the hard work and achievement of students.

Industry experts and employers were blown away by the quality of work on display, which showed off student's creative design and technical detailing skills, 3D modelling skills, as well as their ability to utilise BIM process flow.

Alex Naraian MCIAT, a Solent graduate and now Associate Director at ADAM Architecture and Regional Councillor, South East Region, presented CIAT's awards. This year's winners were James Cheyne, Alfie Simons, Lee Slaughter and Megan Brooks.



Alfie Simons receiving his prize certificate from Alex Naraian MCIAT. Alfie is now Architectural Technologist at Corporate Architecture Limited.



Six Dials Healthcare Centre exhibit by Megan Brooks, who is now Technical Manager at Barratt Development PLC.

Ulster University

Erin O’Kane with Patrick Bradley (viewing the work of Richard Irwin)



Now in its fifth year, the annual end of year show at Ulster University was the largest yet, with over 120 guests in attendance, including employers, regional committee members and representatives from other professional bodies. The presentation of student work and awards was preceded by a regional CPD event on the topic of BIM for Sustainable Design, jointly sponsored by Xtratherm, Keystone and Metal Technology.

The Architectural Technology and Management (ATM) programme at Ulster has an excellent working relationship with

the Northern Ireland Regional Committee and with local practices. This was evident on the evening with the large numbers in attendance.

Eddie Weir MCIAT, Vice-President Practice and former Ulster ATM graduate, commented: ‘I continue to be astonished by the exceptional calibre of work on display at the End of Year Show. These students are a refreshing vision as to the competencies that our future Architectural Technologists will possess’. One of the special guests in attendance was local architect Patrick Bradley,

recipient of the 2015 Alan King Award, who featured on Channel 4’s *Grand Designs*. Addressing the graduating cohort he emphasised the key role they would play in shaping the future of the profession.

Award winners on the evening included James O’Neill, Commended in the CIAT National Student Award for Excellent in Architectural Technology (Project), Timothy McCurdy, Peter McMullan, William Holland, Chris Chambers, Nicholas Robinette, Tiarnan Howard and Erin O’Kane.

Work on display by final year student James O’Neill.



University of Wolverhampton

This year's brief was set in partnership with Simon Lucas, Development and Regeneration Officer, Wolverhampton City Council.

As part of their exhibition displays, the students were required to produce presentation boards, technical documentation, a scale site models and a scaled working model for their selected project areas. A formal presentation viva was also completed by each student in front of a panel of academics and external client guests.

The Module Leader Colin Orr PPCIAT MCIAT stated that each year the students continue to demonstrate the key requirement for these CIAT-Accredited programmes through their application of technical knowledge and design skills acquired through real-life schemes.

Award winners included:

Savita Rolia (Architectural Design Technology) for Best Presentation Technique and Model.

Mandeep Mattu (Interior Architecture and Property Development) for Best Exhibit.

Thomas Matthews (Architectural Design Technology) for Best Presentation Boards.

Munir Ahmad Shaikh (Architectural Design Technology) for Best Technical Detailing.

Adam Wiltshire (Architectural Design Technology) for Best Integrated Research Project.

Below right: Module Leader Colin Orr PPCIAT MCIAT addresses the show. **Below left, top:** Adam Wiltshire receives his certificate from Prof Sabah Mushatat. **Below, left,** Mandeep Mattu.



A career path milestone

James Banks, Membership Director, spoke to Róisín Ní Chatháin MCIAT of bptw partnership about her progression to Chartered Membership.

Tell us about bptw partnership.

bptw partnership is an award winning CIAT Registered architectural practice based in London. We are a multidisciplinary group and specialize in three key areas; architecture, planning, and visualization. Our philosophy is centered on creating great places for people to live, work and play and over the last 25 years we have become leaders in the residential, regeneration and mixed use sectors. Our clients range from housing associations, local authorities and private clients to leading, large scale developers.

What led you to become a Chartered Architectural Technologist?

To date I have worked on a range of project across the UK and Ireland, from bespoke single dwellings to large scale multi million pound mixed tenure developments. After completing my degree my goal was to become a Chartered Architectural Technologist, MCIAT as part of my overall development as a competent construction professional. Chartered Membership is an established milestone recognising a high standard of knowledge and application in the industry, which is important in my chosen career path. It is also recognised by peers and clients, helping to promote my abilities in delivering buildings that meet and exceed expectations.

Why did you feel it was the right time to work towards Chartered Membership?

I have worked in the industry now for seven years. I joined CIAT as an Associate member in 2013 with the focus on becoming a Chartered Member once I felt I had enough experience gained. I wanted to have a broad range of experience in the industry and a solid base of understanding of construction which I could confidently demonstrate. The nature of the projects I've worked on has varied greatly in scale and construction methods, which has allowed me the experience I wanted before I applied for my Chartered Membership.

Why you decided to progress via the Professional Assessment and not the POP Record?

I had been working on my POP Record for some time, writing and gathering my evidence based on the separate sections of the Record. When the opportunity to progress via the Professional Assessment came up I jumped at the chance to do it as it gave me the push I needed to progress to Chartered Membership.



Some of my colleagues started completing their Professional Assessment applications for Chartered Membership at the same time which proved beneficial to all as we had a great internal support network and we help to keep each other motivated.

How did you complete the application and how long did it take?

The application took me around three months to complete. It was quite an undertaking as I had to track through my entire career. My colleagues and I would have regular study groups to go through our understanding of each of the sections. I assessed each section in the application and from there gathered the relevant evidence. I had done some previous work preparing my POP Record which made it a little easier to complete.

What support was offered by your employer?

As a Chartered RIBA and CIAT Registered Practice bptw are very supportive of Architectural Technologist's on the road to becoming Chartered Members. My colleagues gave me support in areas I was lacking experience, they ran CPD events that were relevant to the sections to help develop our skills and knowledge further. They offered us help and encouragement throughout the process and allocated us study time to prepare in the run up to submitting the applications, which was a huge benefit.

Who did you choose as your referee, and why?

I was guided through the Membership application by two bptw partners. Andrew French RIBA, a senior partner for over 18 years, offered to be my referee. Andrew has great understanding in every aspect of the industry with knowledge in contracts and business development his experience ranges from pre planning to delivery of a medium to large scale projects. Justin Kelly MCIAT, who acted as my mentor, gave me the encouragement and help I needed to progress my application and gain Chartered membership.

Do you have any advice for potential applicants or colleagues planning to progress?

My advice would be to stop thinking about it and go for it! Once you have begun the process it's not as daunting as you might think.

Remember that you are there because you have worked hard to gain the knowledge and experience you require to become a Chartered Member. I found it extremely helpful to have study groups with other colleagues who were also preparing their applications, it encourages you to keep going.

How do you plan to promote the discipline and profession internally and externally now you are MCIAT?

Since I have become a Chartered Member I have been urging others within my practice to apply for their membership and Chartered Architectural Technologist status. I feel it's very important to promote Architectural Technology as a career path as we have a diverse set of skills that allows us to contribute on many levels. I would like to mentor and assist where I can. I attend many events outside of work and am always keen to speak about my positive experience as an Architectural Technologist and becoming part of CIAT.

How do you think the MCIAT qualification will benefit you?

The qualification is widely regarded in the construction industry, to become chartered the board assess you on your knowledge, understanding, professional competence and experience. Based on this, I feel that the Chartered qualification provides a real sense of professional confidence. It has given me the encouragement to push myself further in my career, I am now looking for my next challenge!

Below: bptw's offices in Greenwich, south-east London



The Chartered journey

Joe Donovan MCIAT and Lindsey Ford MCIAT of Alan Camp Architects spoke to James Banks, Membership Director, about becoming Chartered Architectural Technologists.



Joe Donovan (JD) and Lindsey Ford (LF) from Alan Camp Architects graduated in summer 2013 and recently qualified as Chartered Architectural Technologists. Below are two accounts, and it might surprise how much variety you will find when you commence your career as an Architectural Technology professional.

JD: Though from different backgrounds we both started our Architectural Technology career path at Nottingham Trent University, whose Architectural Technology Honours degree is Accredited by CIAT.

Before university, I had never heard of a Chartered Architectural Technologist. I had just finished a construction BTEC and wanted to be an architect but I was told I couldn't because I didn't have a background in the arts. Architectural Technology was pitched to me as 'approaching architecture in the same way as an architect, however from a more technical angle'. Knowing what I know now, I'd say that was a fair assessment.

Four taxing years later of late nights studying, a placement year and adopting the university library as a second home, we both graduated with first class honours degrees. Finding a position in such a competitive field was surely going to be a challenge, competing for positions with Architectural Technologists but also architects, Part 1 and Part 2 qualified trainee architects.

LF: People always tell you the importance of networking and putting yourself out there early. This couldn't be more true. With the industry recovering from a recession finding a job wasn't easy. The key is to be organised. Several people from our course, including Joe had been actively job searching since before graduating in July, having interviews whilst still at university. Lesson learnt!

At graduation Joe told me about an opening at his practice and gave me a name to contact. Within a week I had an interview, and two weeks after that I had moved down south and started my first day.

The role of an Architectural Technologist was a fairly new discovery for our practice. Our university education had not only given us that technical aspect great for a construction based role, but also planning skills such as looking into initial feasibility sketch designs alongside producing design and access statements and visuals. We were introduced into the company based on the skills presented in our interviews and portfolios.

JD: Initially the practice had no idea how to quantify us, we have essentially the same amount of training as a Part 1 architect and covered elements of the Part 2 syllabus, but we had a far better grasp of the technical side coupled with the design side. It wasn't long before our adaptable skills were recognised and we were co-ordinating and running projects.

One of the main benefits of studying on a CIAT Accredited programme is that it prepares students for the challenges they are going to face in the industry, being more focused on the day to day running of a practice compared to architecture, getting a background in contract law and dispute resolution has given us a high level of understanding of the construction process.

I've just passed the two year mark at Alan Camp Architects and I can say there is never a dull moment! I am constantly being challenged. I currently work in the Construction Team of the practice taking projects from RIBA stage 4 to completion. I've just had a 90 unit scheme near Gatwick handover and complete as well as having four projects on site at different stages. It's quite a high pressure environment but having a good team around you helps.

My day is pretty varied depending on what project I'm working on, I could be attending a site for design team meetings, or sitting down workshoping with subcontractors. I'm also the first point of contact for any of the projects I'm leading on so any queries come straight to me. Any drawing updates will have to be signed off by myself and I have to liaise with all statutory authorities like planning and building control. I'd be lying if I said it wasn't stressful, but the satisfaction I gain from leading a project, and working with talented individuals is second to none.

The importance of finding the right practice is paramount in your development as becoming a Chartered Architectural Technologist, being able to progress our membership with the support and encouragement of our team has been a major factor in our progression, having two other ATs in the practice also going the same process motivates you to continue.

LF: My current role as a Chartered Architectural Technologist sits on the 'Small to Medium Project Planning and Construction Team'. This is a team of seven people, predominantly working on planning applications and construction packages for residential projects from one off housing to 120 unit schemes, ranging from £0.6 to £12 million.

On a daily basis my workload covers all stages of the RIBA Plan of Works, juggling projects in both design and construction phases. I regularly provide a supporting role to the partner but since the lead up to my MCIAT status I have already had the opportunity to lead some projects, picking them up both from the initial planning and construction stages. I have always been torn between the creativity of design and the practicality of construction and through my role I have the opportunity to be involved from the initial tender bid right through to practical completion.

I have only worked here for just shy of two years but now that I have MCIAT status I would like to see a project through all stages as project leader. I can imagine nothing would be more rewarding.'

JD: Chartered Membership was a major milestone within our careers and as the first two Architectural Technologists within our company we were very keen, with full support and encouragement from our employer, to gain our MCIAT status. It is a way of not only progressing within our careers, providing self-motivation and assurance of personal progression, it is always nice to know you are doing well, but it is global status that is recognised worldwide and well respected amongst other professionals in the construction industry.

The Professional Assessment process is somewhat daunting at first, but let's face it you already have three years of university experience, coupled with a sandwich year work placement and any time in practice since graduating university under your belt, two and a half years in our case. The format of the application is open and sympathetic to the varying roles available to prospective Chartered Architectural Technologists, making the process somewhat less stressful!

We were fortunate enough to have individual mentors within the practice who were able to help us through this process

The hardest part was ensuring to record all of our experiences and collating the supporting references. We were fortunate enough to have individual mentors within the practice who were able to help us through this process.

As illustrated well on the CIAT website, the Professional Interview process is relatively enjoyable. As we were often reminded, we had already done the hardest part by passing the Member Panel Assessment of the Professional Assessment application and evidence.

The Professional Interview is the Institute's opportunity to meet you in person, discuss your experiences, assess your professionalism and determine

suitable communication skills. Instead of character assassination and on the spot quick fire questions, the Interview Assessors take a genuine interest in you and your work, and are keen to learn about how your role as an Architectural Technologist demonstrate your sphere/s of practice.'

LF: During my final year of university I found the help of external lecturers and professionals invaluable. Their mentoring offered a fresh perspective to projects, and most importantly brought in a wealth of knowledge straight from the industry. Now that I have achieved Chartered status, I hope one day I will be able to do the same.

I have also been fortunate enough to be invited to join the Greater London Region CIAT Committee. I look forward to being involved, helping to organise their program of events which are taking place over the coming months.

JD: We work in a fantastic practice with amazing people in the centre of London and are challenged professionally every day, I can think of no better place to start my journey as a Chartered Architectural Technologist.

As with Lindsey I would like to be more involved with CIAT, most people in industry are still unaware of what to expect from a Chartered Architectural Technologist and we hope that we can help dispel some myths and promote the degree and profession.'

Our journeys have so far been exciting, and the future promises so much more. Whatever role you find yourself in, try to understand how your design decisions correlate within the wider picture, be it within design, technical or both. There are no short comings of innovative and inspiring career paths available for any Architectural Technology professional.

Most of all be proud of your qualifications and profession. As a CIAT member, you are part of an organisation that has helped mould the built environment around you for the last 50 years. You are the future of CIAT.

Marjorie Anne Smith MCIAT 1933-2015



Marjorie was lovely — there is no other words that can express how she was. Her smile, warm personality and caring attitude were all characteristics which made her of one of the great ladies of her generation with her classic dress sense, upright stature and quiet forthrightness.

Marjorie was a lady ahead of her time, as a working mother in the 1960s and as a female in a male dominated field of work. Growing up in the south west of England and then studying in the School of Architecture at the Northern Polytechnic in Holloway Road, she started her first job at Howes and Jackman Chartered Architects in February 1954, where she remained for the next ten years.

It was here that she met Gordon and a great partnership was born as they moved to Chinnor, Oxon and started their own architectural practice and became Members of CIAT (SAAT as it was then) in 1968. Both Marjorie and Gordon soon became known figures in the Central Regional Committee and dedicated a lot of their time both Regionally and nationally to represent the discipline of Architectural Technology. Following the death of John Hadland in 2000, Marjorie took over the role as the Institute's representative for the

Architects' Benevolent Society (ABS) — a position that she much enjoyed and to which she was able to give many of her skills on the Case Committee and as a Trustee. Marjorie was awarded the Institute's Gold Award in 2006 for her services to the Central Region. Marjorie's sudden death came as a great shock but her memory and life will live on through Gordon and their children and grandchildren.

Adam Endacott, Media & PR Director

Committee members of Central Region were expecting Marjorie to be attending the 50th celebrations at The Savoy in London but unfortunately she was unable to attend due to a minor illness. You can understand our shock to hear a few days later that she had passed away.

Marjorie had been a stalwart of Central Region for many, many years (30 plus) and had been a consistent attendee at the Regional Committee meetings and CPD events with Gordon, her husband. Meetings always had to wait for Radio Four's *The Archers* to finish at 19:15. She always brought a cheerful face to any gathering and took an interest in all the CPD events even though she

and Gordon were no longer actively running their practice. She took a keen interest in village activities in Oxfordshire, where she lived. Marjorie was also a keen political supporter and was kept very busy at election times. She did find the time to draw and make her own Christmas cards which I always eagerly awaited in December. The funeral in Oxfordshire was well attended by family, friends and several CIAT Members and staff.

Adrian Day MCIAT, on behalf of the Central Region

Marjorie was a faithful servant to the Institute, in particular its work with ABS, which she and I had numerous conversations about. The highlight being during my term as President when together we collected the Worshipful Company of Chartered Architects Award for service to the Architects' Benevolent Society on behalf of CIAT at Skinners' Hall in London. We had much fun that evening and the mad chase to ensure she got the last coach home! Marjorie ran a good race and fought a good fight and will sadly be missed by all who knew her. A great loss.

Colin C Orr PPCIAT MCIAT

David Enticknap MCIAT 1928-2015

Sad and sorrowful to hear the news. I miss Marjorie's kindness and her loyalty to SAAT/BIAT/CIAT! Her image is still in my mind especially our first meeting in Hong Kong, and I shall always remember her.

MAK Hon Kuen HonMCIAT MCIAT

Marjorie joined the Architects Benevolent Society as a Trustee in June 2000 as the representative of CIAT. She was a member of the Society's Case Committee from 2003 until her death and, in this role, helped to assist many hundreds of the Society's beneficiaries. She was a very popular and well respected Trustee and the Society's Trustees and staff will miss her greatly.

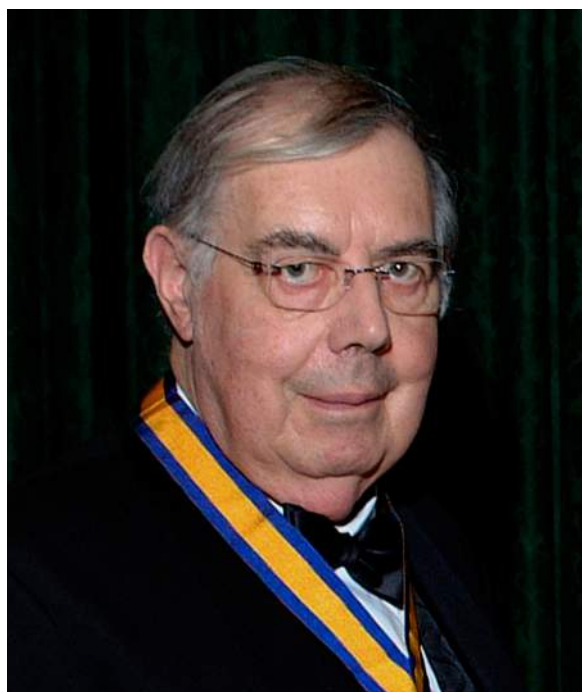
Robert Ball, Chief Executive, ABS

As Regional Chair of CIAT Central Region, I have been given the opportunity to write a few words about Marjorie. It is therefore my privilege to have the opportunity to write about a person that was one of the warmest, courteous, amiable, delightful and charming persons I have ever met.

I could, and probably should write about her work for CIAT and ABS and all the other activities that she was involved in, but I will leave that to others who knew her longer if I may. Instead let me paint you a picture. Marjorie and Gordon would arrive at the (Regional) meeting, often in their beautiful old Bentley, park up and listen to *The Archers* on the car radio. When they were ready, but always in good time for the meeting, Marjorie would arrive in her elegant but unassuming way, always stylish and with her white hair carefully coiffured; she never had to make an entrance as such as it was impossible to miss her.

Our committee will miss her now, that's for sure. Our heart goes out to Gordon and the family who must feel such a great loss, but may I suggest when things get difficult that you bring to mind that lovely Marjorie smile.

Tony Keller MCIAT



David was another stalwart of the Central Region and quite feisty by nature — always ready for challenging the Institute's policies! He attended many AGM's as a Voting Delegate for the Region and was a part of the Regional Committee for many years. He joined the Institute in 1968 following an educational background at Kingston, starting work in 1944 as a Junior Draughtsman, completing National Service 1946-48 and working in Surrey County Council amongst other roles.

Moving to Buckinghamshire in 1969 he joined the Bedford Chapter. He regretted the abolition of the Chapter network but nevertheless took an active part in the formation of the Central Region.

He held the offices of Technical Coordinator, Regional Secretary and Regional Chairman. David was awarded the Gold Award in 2003 for his services to the Central Region. His wisdom and dedication will be missed by the Regional Committee.

Adam Endacott, Media & PR Director

It is with sadness that we have to report the death of David RJ Enticknap MCIAT who passed away at the age of 87. The funeral took place in Milford, Surrey on 26 October.

David had been an active member of CIAT for longer than I can remember and was originally in Chapter 8A before the Chapters were disbanded, when he then became a member of the Central Region Committee following a famous meeting in Buckingham, when the Region was resurrected more than 30 years ago.

Over the years David organised many CPD events and was for a period of time CPD Officer for Central Region. He was a great believer in new towns and was in the Architects' Department of the Milton Keynes Development Corporation until his retirement.

In his earlier years he had completed National Service and had many interests outside the architectural sphere. He was keen on aeroplanes and was a representative on Great Linford Parish Council in Milton Keynes, and a trustee of Great Linford Relief in Need Charity. He was a keen table tennis player in his younger years and a 'radio ham'.

Adrian Day MCIAT on behalf of the Central Region

2015 AGM and Presidents' Ball

Members and guests gathered in Edinburgh to bring the Institute's 50th Anniversary year to a close. By Adam Endacott, Media and PR Director.



This was the third CIAT AGM weekend in Edinburgh, the event having also been held there in 1977 and 1997, and a remarkable end to an outstanding 50th Anniversary year for the Institute.

A Friday night social evening was organised by the Scotland East Region at The Real Mary King's Close which is a warren of underground streets and spaces. With a costumed character tour guide based on a one-time resident, members and guests explored this underground site, hearing fascinating stories from the 1600s with tales of ghosts and murders and of plague victims being walled up and left to die. The evening ended with a chorus of Happy Birthday to Andrew Scott MCIAT, Scotland East Councillor who celebrated his sixty-fifth. To accompany his cake, a cake was also presented to the Institute for its golden milestone.

The Institute's 2015 AGM, held on 28 November, included the unanimous approval of the accounts as well as the authorisation to Council to reappoint the auditors. The two Resolutions as circulated previously to members were

approved after some discussion from those present. The Resolutions submitted by the East Anglia Region were:

'That the Institute consider the introduction of Regional presentations at AGM's covering topical activities, affairs and performance in each preceding year' and 'That the Institute consider the introduction of Regional support staff.'

In his closing President's address, Karl Grace gave an overview of the Institute's activities and achievements of the past year and then handed over the Chain of Office to Gary Mees who became the 27th President. Before handing over the Chain, Karl also presented Gary with the gift of a hipflask — an essential tool for his travelling! Gary, as the new President, then presented Karl with his Past President's medal and addressed the delegation outlining his aims and objectives for the next two years during his Presidency.

The Presidents' Ball was held in the evening at The Balmoral Hotel, a short walk across the bridge from the Radisson Blu. Guests were welcomed by a piper

who played a selection of Scottish traditional tunes as they arrived battling against the wind and rain! The drinks reception included the 50th Anniversary exhibition to enjoy. A civic welcome was given by Bailie Elaine Aitken of the City of Edinburgh and was followed by the showing of the 50th Anniversary film.

Guests were called through to dinner in the Sir Walter Scott Suite and welcomed by Scotland East Regional Chairman, Graham Bruce MCIAT. In true Scottish tradition the address was made to the haggis which involved the President, the chef and the piper— this was greatly enjoyed by all and included a recital of Robbie Burns and other haggis traditions. Gary Mees gave his Presidential speech which recalled the late Bruce Sheerin HonMCIAT PCSAAT MCIAT and which brought to a close the 50th Anniversary year. A great ceilidh was then enjoyed with music from *The Sleekit Beasties*.

CIAT will be in Southampton for its 2016 AGM weekend. More details to follow in future editions of Architectural Technology magazine.



Opposite: President Gary Mees PCIAT with his Honorary Officers. Left to right: Paul Laycock MCIAT, Vice-President Education, Kevin Crawford MCIAT, Vice-President Technical, Gordon Souter MCIAT, Honorary Secretary, Gary Mees PCIAT, Karl Grace PPCIAT MCIAT, Immediate Past President, Doug Fewkes MCIAT, Honorary Treasurer, Eddie Weir MCIAT, Vice-President Practice.

Left: Members vote in the AGM. **Below left:** Genevieve Wells MCIAT and guest enjoy the 50th Anniversary Exhibition. **Below right:** Bailie Elaine Aitken welcomes CIAT to Edinburgh. **Bottom:** the Address to the Haggis.



Long live the King

Plaque presentations for the Alan King Award



Outstanding Excellence



The Alan King Award, named after the Institute's first President, (*pictured*) recognises projects valued £750k or under and have demonstrated outstanding excellence in the practice of Architectural Technology.

For more information visit
www.ciat.org.uk/en/awards



Top: Kevin Crawford MCIAT, Scott Kyson MCIAT, Karl Grace and Deborah Shaw representing the Greater London Region. **Below (from left):** Mark Kennett PPCIAT MCIAT, Glen Smith MCIAT and Karl Grace. **Right:** Karl Grace with Philip Harvey of ABS (Essex) Ltd.

The plaques for permanent attachment to the winning projects of the Alan King Award 2014 have been presented to the successful winners.

On 11 September, Kevin Crawford MCIAT, Vice-President Technical and Chairman of the Judging Panel together

with Karl Grace, the then President and the Institute's Practice and Technical Director, Diane Dale visited the winning project, 49 Scrutton Street, London and made the presentation to Scott Kyson MCIAT of Kyson. On the same day, the Commended plaque was presented to ABS (Essex) Ltd for Clacton Changing Places Facility in Clacton, Essex.

A visit to Birmingham on 30 September for the Highly Commended plaque presentation to Glen Smith MCIAT of The Glen Smith Partnership for the Grand Lodge in Staffordshire. President Karl Grace and Mark Kennett PPCIAT MCIAT, Past President were on hand to present the plaque to representatives from the practice.

MentorMatchMe



Would you like to give other members the benefit of your experience? **Robert Hill MCIAT**, Vice President Education, introduces CIAT's mentoring scheme.

As Vice-President Education, I am very pleased to announce that the Institute is piloting an online mentoring scheme for use by all members which will run from now until the end of February 2016 with a possibility of being extended dependent on member activity and involvement.

MentorMatchMe is an online mentoring platform, which allows experienced members who act as the mentors, to assist other members working in the industry in a variety of areas by providing a range of support, advice and guidance, the mentees. The platform also encourages e-learning. It supports a wide range of learning and development resources. All of these are accessible from your smartphone, tablet, laptop or desktop computer.

Online materials include: The MentorMatchMe Guide to Mentoring; a learning diary; and a range of learning resources. All members can benefit in a variety of ways by joining as a mentor or a mentee such as:

Membership progression/qualifying

Guidance and support is available on membership progression, routes to qualifying and assistance on various areas/standards when completing the qualifying processes such as the T/ MCIAT Professional and Occupational Performance (POP) Record or the MCIAT Professional Assessment from staff, Member Panel and Interview Assessors and possibly recently qualified Members.

Continuing Professional Development (CPD)

Support and guidance could be available if CPD is required on numerous relevant industry topics.

Education/careers

Members looking to study at an Accredited Honours or Masters degree level programme or requiring general guidance on Architectural Technology courses available. Careers advice available for those members who may be looking into diversifying their skills.

Setting up in practice/offering services

If you are looking to set up on your own in practice and need guidance then further information is available. There are a number of information sheets and guidance documentation to assist you in ensuring that you are in compliance with the Code of Conduct and elaborate on considerations to be made when setting up and considering commissions. Chartered Members also benefit from the Professional Indemnity Insurance Scheme run for us by CIAT Insurance Services, which offers both competitive rates and a first class service, as well as a legal helpline. Those who are already practising may benefit from the practice services available – outlined in the Practice Services, Information and Guidance document.

Employment/jobs

Guidance could be available from members/employers on how to develop

your employability skills and prepare for interviews etc. Jobs cannot be advertised on MentorMatchMe but can be done through CIAT jobs in collaboration with RIBA Appointments and CIOB Jobs.

International – support from our Centres

Help and advice on living, studying or working overseas, including legislation and education or procedures involved in setting up a practice.

Media/PR

Writing articles or case studies promoting the discipline, projects and good practice etc

Awards

Support if you are considering or keen to enter one of the Institute's Awards:

- The Award for Excellence in Architectural Technology
- The Alan King Award,
- Student Award for Excellence (Report)
- Student Award for Excellence (Project)
- An opportunity to look at the work of previous Award winners

Building Information Modelling (BIM)

Gain insight or share knowledge from members who work with BIM in SME's through to large practices on their experience of BIM implementation and collaboration.

(Continued overleaf)

Leadership/management

General guidance is provided for members on leadership and management.

How you could benefit as a mentor (open to all members)

Remember you could have a particular skill or experience which could be invaluable to other members; as a professional you are encouraged to give something back to your profession. Benefits could include:

- Developing your coaching skills.
- Satisfying part of your obligation to undertake a minimum of 35 hours Continuing Professional Development (CPD) per year.
- Sharing your experience as an employer or employee whilst broadening your own experience.
- Developing and sharing your perspective on your professional and personal experiences.
- Passing your industry knowledge to others.
- An opportunity to network with fellow members within the industry.
- For academics/or guest lecturers to have the opportunity to mentor students or academic colleagues in relation to knowledge sharing, teaching, providing

support for site visits, research or organising/presenting at Architectural Technology-related events or working with the Institute to promote the discipline and membership.

How you could benefit as a mentee (open to all members)

Any member may choose to become a mentee and gain additional knowledge. Mentees may not just be students, profile candidates or Associates working to become a competent professional (MCIAT or TCIAT), for example a Chartered Member with many years of experience holding a senior position may wish to become a mentee in relation to another area of practice. Benefits could include:

- Gaining guidance on qualification/ progression from those who have been through the system.
- Receiving independent guidance and support about your expectations and career plan.
- Learning about setting up your own CIAT Registered Practice from experienced practitioners.
- Developing the capabilities and skills needed to succeed in a dynamic global economy.
- Identifying your strengths, weaknesses and the best way to work with these in your career.

- Developing a structured CPD plan.

Joining as a Mentor or Mentee

1. You will need to create an account by signing up to www.ciat.mentormatch.me
2. You are required to specify at this stage whether you are volunteering as a mentor or registering as a mentee and provide your membership grade and number.

Once your account has been set up you will be prompted to complete a profile form, which will enable mentors and mentees to be matched based on areas of common interest and experience. When matched, we encourage you to meet (face to face or via an online meeting facility) for a couple of hours each month. If you wish to be a Mentor and a Mentee, you must register twice using separate email addresses.

Further information

If you have any questions about the platform do not hesitate to contact James Banks, Membership Director (james@ciat.org.uk) who is overseeing the pilot. The pilot will run until 1 March 2016 at which time member involvement will be evaluated.

We very much hope that you will take part in this pilot and assist in helping us progress this for permanent use. We also welcome any comments or feedback.

Region and Centre news and events

Yorkshire Region 02

19 January: Building Regulation Update by Martin Conlon of Assent Building Control on the latest changes to the Building Regulations. Location: Holiday Inn, J40, M1, Queens Drive, Ossett, Wakefield, WF5 9BE. This event run in conjunction with CIOB. To book please visit www.ciat-yorkshire.org.uk/events/

North West Region 03

21 April: North West Region members and guests are invited to a site visit to Extra Care Facilities sponsored by Firstark & Knowsley Housing Trust.

Bluebell Park Apartments is a £14.4 million project of 122 new homes for the over 55s that need extra care and support to live independently in Huyton. Knowsley Housing Trust (KHT) is delivering the Bluebell Park Extra Care facility in partnership with Knowsley Metropolitan

Borough Council and Bullocks construction. To help provide lower bills, 10% of energy source for the homes will come from renewable energy through Combined Heat and Power (CHP) boilers which capture and re-use the heat produced in day to day electricity usage.

The project has received £2.6 million investment from the Homes and Communities Agency's (HCA) Affordable Homes Programme.

The visit will take place from 10:30am to 3.00pm and includes lunch. To book please contact Paul Greenwood via email (paulsgreenwood@btconnect.com).

East Midlands Region 04

25 January: Committee Meeting. The East Midlands Region Committee meeting will take place at the Fieldhead Hotel, Markfield Lane, Markfield, Leics from 7.00 pm to 9.00pm.



Northern Ireland Region members attended a CPD event on curtain walling held by APS architectural glazing systems in September. The event included the Region Business Meeting. APS projects include Omagh Innovation Centre, pictured above.

New members

We are delighted to welcome the following as Chartered Members

011103	Stephen Bowles	01 Northern	021990	Philip Ashenden	07 East Anglia	018636	David Semakula	09 Gr London
019109	Jacques Pienaar	01 Northern	019834	Philip Branton	07 East Anglia	020313	Joseph Stewart	09 Gr London
012446	Michael Potts	01 Northern	025709	Andrew Clarke	07 East Anglia	020207	Isobel Beattie	10 South East
023279	Lee Sanderson	01 Northern	022079	Oswald Dias	07 East Anglia	025311	Brendan Carroll	10 South East
017907	Mumtaz Alavi	02 Yorkshire	011931	Roberto Esposito	07 East Anglia	020505	Matthew Graham	10 South East
009832	John Crompton	02 Yorkshire	023039	Adrian Fleet	07 East Anglia	014071	Michael Head	10 South East
027355	Mark Hobbs	02 Yorkshire	015015	Chris Game	07 East Anglia	019492	Mark Lewis	10 South East
027162	Ryan Lewis	02 Yorkshire	028185	Gary Groom	07 East Anglia	025799	Georgina Marriott	10 South East
021065	Jose Machado	02 Yorkshire	029629	Gareth Mower	07 East Anglia	024172	Scott Marshall	10 South East
028057	Robert Metcalfe	02 Yorkshire	024875	Daniel Owen	07 East Anglia	026820	Pamela McLean	10 South East
027891	Geoffrey Bryson	03 North West	017632	Glen Read	07 East Anglia	016477	Garikai Mudyiwa	10 South East
017501	Daniel Calter	03 North West	015053	James Rush	07 East Anglia	023545	Anthony Oziabor	10 South East
014152	Alan Cleminson	03 North West	029317	James Sizer	07 East Anglia	030032	Alex Page	10 South East
017384	Philip Hopkins	03 North West	011185	Jonathan Stuart	07 East Anglia	012539	Trevor Pullen	10 South East
020431	Jennifer McCaul	03 North West	023133	Lara Turner	07 East Anglia	017737	Neil Railton	10 South East
023618	Lee Podmore	03 North West	029628	Paul White	07 East Anglia	024995	Roman Schnecker	10 South East
024314	Heather Richards	03 North West	018019	James Cooper	08 Central	026906	Andrew Sloan	10 South East
022689	James Thorn	03 North West	010065	Richard Exley	08 Central	018318	Ian Taylor	10 South East
022584	Daniel Asher	04 East Midlands	024584	James Kestell-Cornish	08 Central	016080	Benjamin Vine	10 South East
027143	Lorraine Bergin	04 East Midlands	025784	Mark Linehan	08 Central	029562	Diana Clark	11 Channel Is
023150	Benjamin Bettie	04 East Midlands	022272	William McCormack	08 Central	029975	Dion Elliott	11 Channel Is
018377	Jason Berton	04 East Midlands	019145	Stephen Miller	08 Central	029115	James Hookway	11 Channel Is
020406	Dennis Dziko	04 East Midlands	020399	Andrew Robinson	08 Central	024810	Hayley Brock	12 Western
024721	Dean Ellis	04 East Midlands	027447	Michal Slawek	08 Central	027874	Nicholas Harman	12 Western
011064	David Henderson	04 East Midlands	024173	Sajan Varghese	08 Central	020637	Luke Weston	12 Western
018174	Raevern Rudd	04 East Midlands	023952	Scott Wood	08 Central	019669	Stewart Douglas	13 Scotland West
023577	Steven Buckley	05 West Midlands	030089	Mark Wright	08 Central	025744	Adam Kelly	14 Scotland East
014144	Jason Carpenter	05 West Midlands	021946	Samuel Aroko	09 Gr London	016256	Ian MacDonald	14 Scotland East
018270	Chad Farmer	05 West Midlands	022885	Stephen Bard	09 Gr London	028151	Huda Salman	14 Scotland East
027655	Luke Gittens	05 West Midlands	030042	Ruby Chand	09 Gr London	021551	Stephen Faulkner	15 N.Ireland
020468	James Glassborow	05 West Midlands	022535	Katie Cross	09 Gr London	030047	Richard Beatson	16 Wales
020859	Muminul Islam	05 West Midlands	028945	Cara Crossland	09 Gr London	025358	David Carver	16 Wales
018285	Barry Prince	05 West Midlands	027292	Shane Dalton	09 Gr London	019497	Thomas Connolly	16 Wales
016852	Jonathan Sayers	05 West Midlands	029633	Brian Doherty	09 Gr London	017686	Alun Lock	16 Wales
020463	Craig Sharpes	05 West Midlands	029324	Scott Farrar	09 Gr London	017393	Mathew Brown	C1 Hong Kong
014455	Thomas Wade	05 West Midlands	022090	Giles Gough	09 Gr London	028147	Thomas Harrington	C2 Rep of Ireland
015916	Russell White	05 West Midlands	026978	Michael Healey	09 Gr London	030270	Patrick Mullins	C2 Rep of Ireland
013256	Robert Down	06 Wessex	030228	Thomas Inglis	09 Gr London	014099	Susan Anderson	C4 The Americas
019250	Chris Dunstan	06 Wessex	029702	Justin Kelly	09 Gr London	028258	Lang Raman	C5 Asia Centre
027190	Matthew Gardiner	06 Wessex	017098	Martin Klute	09 Gr London	017966	Barry Reynolds	C6 Europe Centre
018783	Ian Golding	06 Wessex	017752	Darren Martin	09 Gr London	023717	Mark Vaughan	C7 Mid E & Africa
029928	Louis Ip	06 Wessex	028073	Roisin Ni Chathain	09 Gr London			
021171	Joelle Marshall	06 Wessex	026788	Craig O'Halloran	09 Gr London			

Data Protection: do you need to register?

The Information Commissioner's Office has recently introduced an online register for those firms in the UK which process personal information and need to register their business under the Data Protection Act 1998. It appears that some members may need to register and others may not.

Registration is a relatively straightforward process. The estimated time to complete the form on the ICO website is 15 minutes. The cost for most businesses will be £35 per annum. The fee rises to £500 for businesses with a turnover of

£25.9M and more than 249 members of staff, which is still a nominal sum in context.

Registration will avoid the criminal offence of processing without notification, in cases where processing extends beyond the scope of the exemptions.

Registration will prevent against any possible reputation damaged attached to a criminal conviction for failing to register. Members can check if they need to register by using the self-assessment tool available at <https://ico.org.uk>.

Members need to be aware that even if they do not currently need to register, personal data may subsequently be provided to the member (or company) as part of their normal business activities that requires the member (or company) to be registered. If in any doubt CIAT suggests that this is discussed with the ICO.

If you are unsure, the ICO offers a helpline on +44(0)1625 545 740, and they are very helpful. We regret that Central Office is unable to provide any advice on whether a member will need to register.

Free tickets
for CIAT members



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