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President's address and opening

[Mike Shaw](#), President SPACES

Mike Shaw, BA (Hons) Architecture, B. Arch (Hons) has 25 years experience as an architectural teacher and practitioner in both Europe and the US. He is currently Head of Design for the Mace Group, where he leads a team of 120 consultants, creating a diverse portfolio which including education projects, urban regeneration, offices and residential projects for both the public and private sectors.

Since his appointment in 2008, his design group has doubled, and in recognition of this fact, the group was recognised as a distinct section of the Mace consultancy offer in 2012. During his time in charge of the group, the architectural practice have been shortlisted and won 16 regional and national awards. He is regarded as a gifted teacher, mentor and leader, with an ability to create and communicate simple solutions to complex problems.

Mike has previously worked for a number of blue chip architectural practices, including; Donald Insall Associates (Cambridge), Rock Townsend (London), Foster and Partners (London), Studio Intini (Bari), Ian Simpson Architects (Manchester) and Munckenbeck + Marshall (London). He has lectured and taught in the UK and America, having spent 5 years as a member of the faculty at the Liverpool School of Architecture and as a visiting professor at the Universities of Washington and California (Berkley).

A number of Mike's schemes have been the subject of design awards and commendations including RIBA spirit of ingenuity award, Green Building of the Year, LABC Built in Quality award, SCALA Building of the Year, Building Futures Award and HAA Building of the Year.

Welcome from Manchester

[Professor Tom Jefferies](#), Head of Manchester School of Architecture, a joint School of the Manchester Metropolitan University and the University of Manchester

Tom joined the School from his previous post as Professor: Head of Birmingham School of Architecture. He is a qualified architect and consultant urban designer and a panel member of PlacesMatter! North West England's design review panel. His design work has been recognised through international prizewinning competitions.

His research critically investigates the relationship between culture, space, landscape process, heritage and sustainability to propose new forms of contemporary urbanism. His expertise in architecture, urban design, landscape, master planning and design codes, architectural history, theory and context, sustainability and conservation is a basis for developing symbiotic relationships between research and inter-disciplinary practice.

Built environment projects have been supported by grants pioneering approaches in problem based cross-disciplinary work, developing architecture as a critical practice. This has involved placing professional activity within a wider cultural framework recognising the overlap between theory, academic concerns and production.

Keynote

[Robin Tuddenham](#), Chief Executive Calderdale Council on behalf of SOLACE Society of Local Authority Chief Executives.

Public Service Leader and innovator, developing new ways of delivering services in collaboration with local communities. Determined to enhance opportunities for those who live and work in Calderdale, West Yorkshire.

Excited about Calderdale as a place, its incredible landscape, heritage, culture and delivering our commitment to grow the economy, reduce inequalities and build a sustainable future. Working with councillors, staff, partners, businesses and communities to shape our vision and aspirations for Calderdale by 2024.

Work in Halifax overseeing the transformation of the town, which is apparently the 'Shoreditch of the North' according to the Guardian 19.02.18

Collaboration and Infrastructure

[Alex Lubbock](#), Head of Digital Construction, Infrastructure and Projects Authority

Alex joined the Cabinet Office in summer 2016 as Head of Digital Construction. Working with departments on embedding BIM Level 2 and laying the ground work for further digital adoption across the public sector. Previously Alex was head of BIM implementation for Carillion and an active member of industry in the development of digital adoption as well as thought leadership in construction technology.

Learning from schools - How school buildings perform Debate

In order for our school buildings to operate as the design intent, we need in our collective consciousness to keep working at how best to achieve this. Collaboration and responsibility are key in our built environment industry, where the scale and impact of the accumulation of decisions is complex.

In the spirit of collaboration, Ann Bodkin (panel chair) would like to invite the panel to share their solutions through their intimate design professional knowledge of good building performance practice and why it matters.

We want the audience and the speakers to continue this conversation with constructive action that we individually and collectively need to make. The first part is having a collective understanding of how our buildings perform in order to define actions to close the building performance gap.

Led by [Ann Bodkin](#) Head of Design Intelligence, Education and Skills Funding Agency and Vice-Chair of the CIBSE School Design Group

Over the last four years, Ann, as Head of Design & Specification, has shaped the design standards of ESFA Capital, to integrate architecture and environmental engineering. The standards set a balanced brief, to inform design solutions that support the needs of the learners, staff and school leaders.

Ann's career as an architect includes the Architects Journal describing Ann as one of the top women influencing sustainable architecture in the UK.

[Helen Taylor](#) Director of Practice Scott Brownrigg and RIBA Council

Helen joined Scott Brownrigg in 2014 as Director of Practice. Whilst she is based in the London office, Helen is responsible for the strategic planning and implementation of programmes to maintain and enhance the high levels of technical competence and expertise across the whole practice, to ensure legal and best practice compliance. She is also responsible for all practice and project related Health and Safety compliance. As well as specialising in education design, particularly Academies, Free Schools and University Technical Colleges, Helen's commitment to sustainability, diversity and inclusive design, will support the implementation of new initiatives to assist the practice in achieving its quality management, sustainability and corporate responsibility objectives.

She is well recognised through her collaboration with industry bodies; Helen was a founder member and co-chair of Architects for Change, the RIBA's Equality & Diversity Forum; Chair of the RIBA Inclusive Design Committee; and Convenor of the RIBA Schools Client Forum. She has recently become co-chair of the new Construction Industry Council Green Construction Panel; is a mentor for the Construction Industry Council Fluid Mentoring Programme; and is involved with the Cabinet Office's Paralympic Legacy project, to improve the inclusive design skills of built environment professionals.

[Joe Jack Williams](#), Researcher, Feilden Clegg Bradley Studios.

[Sarah Morris](#), Interim Director, Property, Commissioning, Communities and Policy, Derbyshire County Council and former President of SCALA and SPACES

Sarah Morris BA (Hons), B.Arch, RIBA, MBA. After qualifying in Architecture at Manchester University, and becoming a registered architect with the RIBA in 1988, Sarah worked for various private sector architectural practices in Manchester and London delivering housing, office, retail and industrial units. Sarah also spent a period with an international petro-chemical engineering company, as project architect in their civil and infrastructure division designing new and refurbished airports in Russia and China. In 1997 she joined Pembrokeshire County Council as a Senior Architect, where she was responsible for the design and delivery of number of new schools.

She commenced at Derbyshire County Council in 2007 as Head of Design managing a large in-house multidisciplinary design team, responsible for delivering the Council's annual capital programme and acting as client advisor on a number of new secondary schools delivered through the BSF programme. In 2004 she completed a part-time MBA with Derby University Business School, and more recently she has been appointed as Assistant Director Corporate Landlord, where she will lead a team of asset and facility managers to ensure the Council's £1.8bn property estate provides maximum value and supports the delivery of services through property rationalisation, partnership working with other public-sector organisations and regeneration.

How R&D impacts through platforms across building types

[Anna Evans](#), PETP Construction Programme Director, Ministry of Justice UK

Anna, Joined the Ministry of Justice in April 2016 as Deputy Director with responsibility for the Design and Construction of the Prison Estate Transformation Programme. Also Deputy Head of Profession for Project Delivery across MOJ.

Previously worked for the Education Funding Agency as a Project Director on the Priority School Building Programme leading the North East team with direct responsibility for 31 live construction projects.

Prior to that spent four years at NMSI leading on Estate Management and Project Delivery. Having previously spent over twenty years in local government, working initially as a Building Surveyor and for the latter 10 years working as a Project Manager and Programme Director.

During her LA project management career Anna was responsible for the delivery of a broad range of construction and refurbishment projects valuing from £5m to £45m including sports centres, new schools and was involved in the Government's Building School's for the Future programme. During this time, Anna sat on a Government research group, Project Faraday, which developed design and teaching guidance to create new and innovative ways of teaching the Science curriculum to 11 – 16 years olds, with the aim of encouraging more students to study Science at A level and beyond, with a view to developing careers within the Science sector.

[Jaimie Johnson](#), Director and Head of Global Systems, Bryden Wood

Having joined Bryden Wood shortly after the practice's formation in 1995, Jaimie is responsible for the application of systems to the delivery and operation of truly high performing assets that are a direct reflection of clients' business and value (as opposed to simply cost) drivers. These 'systems' include digital work flows (data analysis, data visualisation and virtual prototyping) and physical systems (a range of design for manufacture and assembly solutions).

These techniques have been implemented on a number of large scale projects such as Heathrow Terminal 5, the new Heathrow Terminal 2 and major frameworks for clients including GlaxoSmithKline, the Metropolitan Police Authority, the 2012 Olympics Athletes' Village and on the Circle rollout of private hospitals.

Jaimie is a member of the Buildoffsite Direction Group, and regularly talks at conferences in the UK and abroad on the subjects of BIM and modern methods of construction.

Jaimie is also a member of the Cabinet Office BIM Core Team, coordinating work packages relating to productivity and delivery. He is currently involved in the implementation of BIM across all UK Government departments and has been heavily involved in the first early adopter projects.

Closing Presentation and Summing Up

[Andrew Rowe](#), Vice President SPACES

Andrew is a Chartered Engineer. He has delivered and managed many capital projects, including leading the technical and delivery elements of Suffolk County Council's Building Schools for the Future and School Re-organisation programmes.

Andrew previously managed the in-house consultancy team at Suffolk County Council, offering multi-disciplinary design services, project and programme management, and estates advice on acquisitions, disposals and ratings. In 2013 he became the Managing Director of the new company formed by Suffolk County Council to deliver its design and property consultancy. Concertus Design and Property Consultants Limited is multidisciplinary team of property consultants offering a wide range of property services to the public and private sector.

President's closing address

[Mike Shaw](#), President of SPACES

Workshops Session 1

Discussion around modular construction

[James Bourne](#), Operations Director, Atkins, member of the SNC-Lavalin Group

BS11000 – The Collaboration British Standard,

[Kieran Parkinson](#), BSI

Objective Collaboration – Alliancing

[Gary Buick](#), Director, Pick Everard

Gary Buick has over 25 years' experience in project management working with high profile international organisations. With his training and early construction experience in quantity surveying Gary has strong business, technical, financial knowledge and extensive understanding of project lifecycles, as well as being knowledgeable in environmental and sustainability measures. Gary is driven for overall team project success and has a proven track record of delivering client satisfaction on a scalable factor from small classbase expansion through frameworks to large scale overseas infrastructure projects such as international airports and new build stadium.

[Andrew Almond](#), Partner, Pick Everard

Andy is a Chartered Architect with 30 years' experience in the design, management and delivery of a wide range of construction projects for private and public sector clients. His focus is on delivering excellent solutions for clients through an efficient, high quality integrated consultancy service.

He is responsible for assembling and motivating multi-disciplinary teams to efficiently deliver tailored design and procurement solutions for large complex projects.

Andy is Pick Everard's Partner for education, responsible for working closely with universities, colleges, schools and their funding and governing bodies to deliver facilities for learning excellence. He also leads the practice's Residential

sector, pursuing energy efficient living solutions, and the Conservation sector seeking to protect and efficiently utilise our valuable built heritage.

Andy is one of the leading exponents of the company's sustainable agenda and senior lead for Pick Everard BIM which is increasingly underpinning the delivery of our services.

The Word, a case study in collaborative design (winner of last year's Civic Building of the Year)

The Word, National Centre for the Written Word in South Shields was the product of a design process which saw the client for the project, South Tyneside Council (STC) work in collaboration with its development partner Muse Development to deliver the first phase of their comprehensive 365 Town Centre Regeneration Strategy.

The presentation will give an insight into how the design process for The Word evolved and how the collaborative involvement of the client with its development partner and wider design team helped to create an award winning building, promoting significant social and financial change within the town centre.

[Steve McIntyre](#), Partner, Faulkner Brown

Steve's work covers a number of building typologies including workplace, community leisure facilities, elite sports training centres and public libraries. Steve believes in creating buildings which inspire people to excel. His expertise in the development of modern workplaces has contributed to the industry's efforts to define excellence in this field. A notable example is Number One Riverside for Rochdale Borough Council. This landmark building has received awards from the Concrete Society, Civic Trust, RIBA and RICS, and was named the 'Best of the Best' by the British Council for Offices (BCO) in 2014. Steve is a member of the northern regional committee for the BCO and served as one of their awards judges for three years. He has recently completed work on Hebburn Central and The Word, National Centre for the Written Word in South Shields, both for South Tyneside Council – these two projects have between them won thirty design awards. Steve has been involved in architectural education for a number of years and is the Visiting Professor of Architecture at Northumbria University.

Workshops Session 2

'Collaboration in Conservation': a case study

Here about the award-winning renovation project to restore the iconic façade of Eastbourne's Congress Theatre.

Opened in 1963 and Grade II* listed, the 1600-seater theatre's architecture has become recognised as being of national importance, ranking alongside the National Theatre and Royal Festival Hall.

The project, which cost £1.4m and took eight months to complete, won a prestigious Schueco Excellence Award in 2016 for its exemplar design and innovative restorative techniques. It also received a highly commended award in the public and community category at the Sussex Heritage Trust Awards 2016, and was a Regional Finalist in the 2017 Civic Trust Awards (AABC category).

Working collaboratively, the project team which included Triton Building Restoration and glazing company Structura, overcame the challenge of handling large panes of glass and complications from the state of disrepair of the concrete structure. Although the public can't tell the difference since the restoration as the building has been brought back to its original appearance, the energy efficiency of the theatre has been significantly improved and it can now continue to be used for another 50 years.

[Richard Stocking](#), Regional Director, Head of Conservation & Heritage, Faithful+Gould

Richard Stocking, Regional Director (Conservation and Heritage) at Faithful+Gould, is passionate about constructive conservation. Since his early beginnings studying archaeology and first job at an auctioneer, he has enthused over historic artefacts and properties. He is renowned amongst colleagues and clients for his infectious enthusiasm and ability to illuminate the hidden story and history of the buildings he works on.

Collaboration in the Public Sector

Richard is Faithful+Gould's first full member of the Institute of Historic Building Conservation. He has worked on projects including a c1805 Napoleonic Fortress, 1960's theatres, an array of heritage assets on the Crossrail project and a number of period houses, buildings and castles (Wakehurst Place, Royal Botanic Kew Gardens, SOAS University to name just a few). Recently, he has been active in the conservation of some of England's most important modernist architecture.

Holy Trinity School and Residential project – innovative learning and living solution for the 21st Century city

With no funding available and increasing demand for primary school places, the design solution was a simple pragmatic approach within the dense urban context. A replacement two form entry primary school built at ground and first floor with a double height play deck at second; and 101 new apartments above to cross-subsidise the school's expansion programme.

With a gestational period of some 3 years this air-rights development began in June 2009 and grew in scale as funding diminished and greater cross-subsidy was sought. What began as a replacement school masterplan quickly became a metropolitan piece of architecture.

This development of a school and private sale apartments is the result of joined up thinking in how to deliver both much needed additional school places and new homes in the capital.

With the doubling of pupil numbers, classrooms and ancillary space, the dilemma was where to put the additional playground, sports and outdoor learning space. The play deck was formed increasing the overall outside space by over 100%.

[Mark Gabbey](#), Partner, Rock Townsend

Mark has over 20 years' experience of both public sector and commercial projects. He has worked closely with several universities on major city-centre masterplan strategies and refurbishment projects, commercial schemes ranging from new headquarters to office fit-outs and mixed-use developments including a primary school in Dalston funded by a 101-unit residential air-rights development.

Mark is a talented designer with particular strengths in project strategy and stakeholder engagement. He ensures a collaborative team effort involving the client, users, consultants and stakeholders to deliver the best possible solution. His technical knowledge, leadership skills and approachable style of collaboration have made him a trusted strategic partner to clients like the University of Westminster, London Diocesan Board for Schools and Pentland Group.

The Grenfell replacement school replaced in nine weeks

Kensington Aldridge Academy temporary accommodation – 'the fastest school ever built'. The presentation will focus on the temporary school project that was required to be delivered in 13 weeks in a unique and politically high profile environment following the tragic events of the Grenfell fire. The challenge was enormous but the project team was built on an ethos of collaboration and a keen eye on the end goal: providing pupil's educational continuity in the wake of tragedy.

[James Mangat](#), Project Manager, MACE

James is a Project Manager within the Public Sector Consultancy team at Mace. He is currently delivering schools projects for the Education Skills Funding Agency on the Free Schools Programme.

James has delivered complex projects, performing contract administration roles and managing teams of consultants through procurement, design and construction. Last year he was responsible for [The Grenfell replacement school](#).

Updates on policy and building performance codes; Part L, BB101, BREEAM and more

IES will share their experiences and commentary on recent changes to policy and building performance rating standards including:

- Recent changes to Part L2 and the London Plan including the challenges and opportunities for building compliance
- A look at Schools including BB101 and EFA guidance on modelling for climate based daylight approaches.
- Updates and learnings from BREEAM 2018 and how this can be applied to educational spaces
- A look at the growing demand for lifecycle costing and analyses
- Recent successes with the tools and techniques needed for post occupancy evaluations

[Dr. Naghman Khan](#), Business Development Manager, IES

Naghman is a Business Development Manager for IES and Group Secretary of the CIBSE Building Simulation Group. He has over 10 years of experience in the environmental engineering and sustainable energy sector. His credentials include a PhD in Sustainable Energy and Building Simulation, a Master of Science (MSc) in Energy Technology & Policy, and a Bachelor of Science (BSc) in Physics.

Naghman's principal areas of expertise lie in Smart Cities, Energy & Environmental Modelling & Simulation and building physics. He is co-author of the recently published CIBSE Publication: AM11 Building Performance Modelling. Previous to joining IES, Naghman worked as a Senior Energy and Data Consultant in the City of London.

Workshops Session 3

Manchester University Collaboration Project - A dissection of the approach and relationships between the Client, Design Team and Contractor

University of Manchester Schuster Building Annexe, School of Physics and Astronomy. The first time the University of Manchester had used Willmott Dixon and the Scape framework. A dissection of the approach and relationships between the Client, Design Team and Contractor.

[Simon Atkinson](#)

[Phil Young](#)

Designing for the Police: collaborative working and PFI

[Case study](#)

[Claire Barton](#), Partner

Claire has been with the practice since 2000 and leads the consultation aspect of all projects in the office ensuring that the initial briefing and all meetings with the end users generate positive engagement to arrive at a shared stakeholder solution.

Claire has worked on a variety of education, community, spiritual and transport projects throughout her career at Haverstock. She has a great deal of experience of working with local authorities and is presently working with London Borough of Camden, London Borough of Lambeth, Essex County Council and London Borough of Greenwich on a variety of projects and in a Client Advisory role.

She has led many award-winning projects such as Parliament Hill School, Agar Children's Centre, Knowle DGE and Columbus School and College.

Claire is a Governor at Thomas Fairchild Community School and also continues to lecture and tutor on the RIBA Northwest Professional Practice Course and at the University of Westminster.

Claire is the partner in charge of Marketing and Environmental procedures and implementation.



Collaboration in the Public Sector

[Kate McGechan](#), Senior Architect, Haverstock

Kate is a senior architect with over 12 years experience. Currently, she is the project architect of Linden Farm Supported Living Setting for young adults with autism in Surrey. The design provides residents with an exemplar home environment, whilst enabling the assistance of supported living care.

Kate is passionate about how architects can and should be actively involved in addressing issues of equality and inclusion in the built environment. She is an active member of the London and South East region of the Access Association and is working towards NRAC (Access) Consultant accreditation.

Teamwork with Microsoft 365

[Levente Nagy](#), Product Marketing Manager for Microsoft 365 Customer Success, Microsoft

