

SPAB & STBA ANNUAL CONFERENCE 2021

Tuesday 28th & Wednesday 29th September

9.30am – 1pm



**BOOK HERE
NOW**

£65 Members (STBA / SPAB / AECB)

£80 Non-members

STBA
SUSTAINABLE TRADITIONAL
BUILDINGS ALLIANCE

CPD Accredited



Images credit: Green Building Store

Day 1 | Session 1 | Tuesday 28th September | STBA | 0930–1130

Aim of the day: Retrofit Tools and Solutions

Conference Chair & Introduction – Peter Draper STBA (Director)

UK Retrofit Policy – Lynne Sullivan OBE

From Retrofit to Regeneration – Nigel Griffiths

Retrofitting residential heritage buildings: remember the people
Freya Wise

Salford Energy House – Professor Will Swan

Q&A Session

Break

STBA
SUSTAINABLE TRADITIONAL
BUILDINGS ALLIANCE

STBA
SUSTAINABLE TRADITIONAL
BUILDINGS ALLIANCE

Day 1 | Session 2 | Tuesday 28th September | STBA | 1130 – 1300

Aim of the day: Retrofit Tools and Solutions

Aims and Aspirations of Heritage Declares – David Garrard

STBA Whole House Tool Development – Peter Draper

The SuperHomes Rating Scheme – Claire Westron & Paul Ciniglio

Pathways to Zero – Tools Development – Andy Sutton

Q&A Session

STBA
SUSTAINABLE TRADITIONAL
BUILDINGS ALLIANCE

STBA
SUSTAINABLE TRADITIONAL
BUILDINGS ALLIANCE

Aim of the day: Policy and Research

Conference Chair & Introduction – Sally Stradling

From Research to Mainstream: what do we need to do next to..?
Dr Moses Jenkins

Overview of Historic England's Research – Morwenna Slade

PAS 2038: the new UK standard for non-domestic retrofit
Dr Peter Rickaby

Q&A Session

Break



Aim of the day: Policy and Research

Water Repellent Treatments and Historic Masonry – Toby Cambray

**Retrofit of Historic Timber Framed Buildings in the UK:
monitoring replacement infill panels – Dr Chris Whitman**

A House by a River – Gareth Fleming & Corey Lane

Moisture Movement in Porous Masonry: New Findings – Val Juhasz

Q&A Session



SPEAKERS

(in alphabetical order)

Toby Cambray- Greengauge



Toby is a founder-director at Greengauge, and leads the building physics team. He is an experienced building physicist, specialising in hygrothermal simulation and moisture risk analysis. He is currently undertaking a PhD at UCL, investigating the performance of hydrophobic treatments in historic masonry. The project is sponsored by SPAB and Safeguard Europe Ltd."

Paul Ciniglio - National Energy Foundation



Paul Ciniglio is the National Energy Foundation's Refurbishment Lead and spends much of his time working on the SuperHomes network having co-created the SuperHomes Rating Scheme. He joined NEF in 2020 as a part-time member of staff having previously supported the team as a consultant. With over 30 years of experience in the built environment, the majority of this time was spent working for Housing Associations & Local Authorities reaching Head of Asset Management & Sustainability. Paul graduated as a Building Surveyor, has a Masters in Sustainable Development and is a Chartered Environmentalist. He has led multiple award-winning sustainability projects and lives in his own SuperHome which he retrofitted in 2009.

Peter Draper - STBA



Peter Draper is the Director of the STBA and a qualified Building Surveyor, DEA and Retrofit Co-ordinator.

Peter is the founding member of Rounded Developments Enterprises, which is an independent social enterprise based in Cardiff. This work has always focused on community based enterprises and Peter's over 25 years of experience in the voluntary sector in SE Wales has proved to be a real success in helping groups find holistic solutions to their construction needs. Peter was also a co-author in the team with CITB to develop SUP training in pre 1919 construction which morphed into the Level 3 qualification on Energy Efficiency Measures for Older and Traditional Buildings.

SPEAKERS

Gareth Fleming - Grosvenor Estate



Gareth Fleming is a Chartered Building Surveyor working primarily in the heritage sector. Since working at the Eaton Estate, Gareth has been involved with several flooding projects, defect diagnosis, the repair of stonework, decorative ironwork, timberwork and designed/specified works for several refurbishment projects where the Estate is looking to reduce carbon, improve energy efficiency and use natural materials.

Gareth has practical knowledge and has repaired several traditional buildings himself using traditional methods and materials. Gareth is currently undertaking a master's degree in Conservation of the Historic Environment at Reading University.

David Garrard- Oxford Brookes University



David Garrard is one of the founding members of Heritage Declares Climate and Ecological Emergency, a non-affiliated group of heritage practitioners who have come together to urge the sector to react more quickly and effectively to the global environmental crisis. He is Senior Lecturer in the School of the Built Environment at Oxford Brookes University, where he runs the MSc course in Historic Conservation. He has also worked as subject tutor in architectural history for the University Studies Abroad Consortium, and as a seminar tutor in moral and political philosophy at King's College London. A member of the Specialist Advice Network for the National Trust, he is also a regular contributor to the events programme at London Open City, as well as to public engagement programmes such as the University of London's Being Human festival.

Nigel Griffiths - Director of STBA

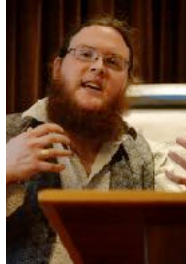


Nigel has over 25 years' experience in the building industry as a practitioner, author and consultant and has a strong practical background in the repair and refurbishment of traditional buildings.

While a Principal Consultant in Sustainable Buildings at Ricardo, he worked closely with UK government, overseas governments and other agencies to develop and evaluate policy on energy efficiency and renewable energy. He has provided sustainable refurbishment advice to some of the most notable listed buildings in the UK and is also the author of the Eco House Manual (Haynes, paperback edition 2016). He lectures widely on traditional buildings, is the resident sustainability expert at "Build-it", and member of the Steering Group for PAS2035

SPEAKERS

Dr Moses Jenkins - HES



Dr Moses Jenkins has worked for Historic Environment Scotland for 16 years where he is Senior Technical Officer. He has written various guidance notes over this time most notably on the subjects of brick and energy efficiency. In 2009 he edited the book Building Scotland and in 2018 authored the book The Scottish Brick Industry. He gained his PhD through the study of Scottish traditional brickwork in 2017 and is a conservation accredited member of the CIOB. At present he is engaged in the development of standards and qualifications to improve knowledge of retrofit measures for traditionally constructed buildings.

Corey Lane - Grosvenor Estate



Corey Lane is Shropshire Councils Senior Conservation Officer and Technical Specialist. Having previously worked as an Historic Building Surveyor, Corey left to take up the post in 2020. Since starting in position, Corey has worked with organisations and individuals throughout the county to promote the use and technical appropriateness of traditional materials, within a combined heritage and climate change context, and the importance of adopting an evidential based approach to the specification and repair of historic assets.

Corey is a certified Master Carpenter & Joiner and has extensive practical experience in the renovation and repair of traditional buildings and structures.

Peter Rickaby - UKCMB



Dr Peter Rickaby is an architect with thirty-five years of experience as a specialist energy and sustainability consultant.

He helps to run the UK Centre for Moisture in Buildings (UKCMB) and is Coordinator of the Building Envelope Research Network (BERN@UCL), both at University College London. Peter is also Technical Director of The Retrofit Academy, chairs the BSI Retrofit Standards Task Group, and was technical author of Publicly Available Specification (PAS) 2035:2019 Retrofitting dwellings for improved energy efficiency – Specification and guidance and of PAS 2038:2021 Retrofitting non-domestic buildings for improved energy efficiency – Specification.

SPEAKERS

Morwenna Slade - Historic England



Morwenna Slade is Head of Historic Building Climate Change Adaptation at Historic England; the Government's statutory adviser on the historic environment in England. She is a Conservation Accredited Chartered Building Surveyor and holds a MSc in Historic Building Conservation and a BA (Hons) in Archaeology.

She leads a team based in the technical conservation team which focus on the maintenance, repair and adaptation of historic buildings. Morwenna has a broad range of experience in the care and management domestic and commercial buildings having worked in consultancy and for the Churches Conservation Trust and National Trust.

Sally Stradling - SPAB



Sally Stradling is Co-chair of the SPAB Technical and Research Committee. She is a full member of the IHBC and has enjoyed over 30 years in historic building conservation including working on the re-survey of listed buildings, as a local authority conservation officer, and as a heritage consultant working for private clients, Historic England and the States of Jersey. Sally has a special interest in thatch and fire prevention and is co-author with Marianne Suhr of a forthcoming SPAB Technical publication, 'Chimneys, Fireplaces and Flues' looking at energy efficiency and improvements in fire safety measures in traditional buildings.

Lynne Sullivan OBE - Good Hones Alliance



Lynne Sullivan is an Architect and founded **sustainableBYdesign**, finalists in all three BRE UK Passivhaus prototype Competitions. Previously as Project Architect she won an RIBA Regional Design Award, and was co-author and winner of the UK's first government-sponsored Zero CO2 housing competition.

Lynne is now a Design Advisor, Visiting Professor, and Industry Board member, and sits on local and national design commissions and review panels. She authors and chairs policy review and research projects for UK governments and others, including Scottish Government's Expert Panel for "A Low Carbon Building Standards Strategy for Scotland", and for the CLC's Green Construction Board chairs the Buildings Mission 2030 Taskgroup, and Steering Group member for the UKGBC Whole Life Carbon Roadmap.

SPEAKERS

Andy Sutton - Sero



Andy is Sero's Cofounder and Design & Innovation director. Since qualifying as the youngest chartered architect, his career spanned a dozen years in architectural practice and a decade with the BRE before helping establish Sero. He is an award winner of published schemes including the Barratt Green House (Code 6 zero carbon), Maes-Yr-Onn farm house (off grid), and Cwmbach Retrofit for the Future (first residential solar transpired collector).

In tackling decarbonisation, Andy created the LENDERS mortgage finance project that was adopted as UK Government policy in the "Clean Growth Strategy", and he continues this work within Sero through R&D projects covering green property valuation, domestic demand side response and modular construction. A past president of the Royal Society of Architects in Wales, Andy is also a steering group member for Welsh Government's Decarbonisation and Innovative Housing Programmes, as well as a Management Board member for Constructing Excellence Wales.

Professor William Swan - Salford Energy House



Professor Will Swan is the Director of Energy House Laboratories (EHL) at the University of Salford, where he has led the energy and buildings research for more than 10 years. The labs include the award-winning Salford Energy House, a whole Victorian house in a climate-controlled chamber, the Smart Meters Smart Homes Lab and the forthcoming £16m Energy House 2.0.

Will is a member of a number of groups concerning retrofit and energy efficiency of buildings; he was one of the founder members of the Building Performance Network, is Chair for the Low Carbon Buildings Challenge Group in Greater Manchester, and a member of the Retrofit Task Force.

Claire Westron - Resolution Energy



Claire is founder and Director of Resolution Energy and an Associate of the National Energy Foundation. She specialises in the built environment, with over 20 years' experience within the housing and construction sectors. She supports NEF with the development and delivery of the SuperHomes Rating Scheme.

Claire spent eight years within Local Government in housing, planning and environmental teams, working on a wide range of projects to deliver energy efficiency. She moved into consultancy in 2007 and gained accreditations for EcoHomes, the Code for Sustainable Homes, The Home Quality Mark, BREEAM and SAP. In 2018 Claire founded Resolution Energy.

SPEAKERS

Chris Whitman - Welsh School of Architecture



Chris Whitman is a British architect with more than 20 years of experience both in practice and academia.

Chris has taught at Nottingham University, Universities in Chile and is currently a senior lecturer and Course Leader of the MSc Sustainable Building Conservation, at the Welsh School of Architecture, Cardiff University. His past research has investigated energy use and comfort in traditional, vernacular and indigenous buildings, and has more recently focused on the low energy retrofit of historic timber-framed buildings. He was the winner of the Association for Preservation Technology International Martin Weaver Scholarship in 2015 and has recently contributed to the upcoming 2nd edition of the Encyclopaedia of Vernacular Architecture of the World.

Val Juhasz - Core Conservation



Val Juhasz is an Electronic Engineer and PhD student. He is the co-founder of Core Conservation specialising in sympathetic renovations and the solving of dampness problems with building-friendly technologies. He regularly attends conservation workshops throughout Europe, including Venice, learning about traditional Roman building materials and plasters from Venetian building masters. He has held numerous CPDs and talks throughout the UK.

Freya Wise - Open University



Freya Wise is a postgraduate researcher at The Open University (UK). Her doctoral research is focussing on ways to reduce carbon from residential heritage buildings while retaining their heritage values. Freya's research is interdisciplinary, exploring both the technical performance of older residential buildings and the views, heritage values and energy behaviours of their residents to help inform holistic approaches to low carbon retrofitting which consider the occupants and the building as an integrated system.

SPAB & STBA ANNUAL CONFERENCE 2021

Tuesday 28th & Wednesday 29th September

9.30am – 1pm



**BOOK HERE
NOW**

£65 Members

STBA
SUSTAINABLE TRADITIONAL
BUILDINGS ALLIANCE

CPD Accredited



Image credit: Green Building Store