



BM TRADA TALKS TIMBER-2019

A one day conference for architects, engineers and construction professionals

www.bmtrada.com

In association with



A one day conference in London for architects, engineers and construction professionals, addressing the technical aspects of designing, specifying and building with timber in conventional and innovative projects.

WHEN AND WHERE

- Tuesday 9 July, 2019
- Royal Geographical Society, London

WHO SHOULD ATTEND?

- Structural engineers
- Architects
- Developers
- Consulting engineers
- Project managers

WHY ATTEND?

- Hear direct from experts in the timber, civil engineering and fire industries
- Learn more about timber from source to end use
- Meet and discuss the day's topics with BM TRADA and Warringtonfire's engaged experts
- Network with your industry peers
- TRADA Advisory Line Live 'surgery slots'

PROGRAMME

See page 3 for details of sessions and speakers

09.00 - 09.45	<i>Registration and refreshments</i>	
09.45 - 10.00	Opening	
10.00 - 10.30	Session 1	What is timber?
10.30 - 11.00	Session 2	Building with wood in a climate emergency
11.00 - 11.30	<i>Networking break and TRADA Advisory Line Live 'surgery slots'</i>	
11.30 - 12.00	Session 3	Moisture in timber
12.00 - 12.30	Session 4	Principles of design
12.30 - 12.45	Q&A for morning sessions	
12.45 - 13.45	<i>Lunch and TRADA Advisory Line Live 'surgery slots'</i>	
13.45 - 14.15	Session 5	Quality of timber
14.15 - 14.45	Session 6	Timber engineering basics
14.45 - 15.15	<i>Networking break and TRADA Advisory Line Live 'surgery slots'</i>	
15.15 - 15.45	Session 7	Flame-retardant wood products
15.45 - 16.15	Session 8	Timber frame CLT
16.15 - 16.30	Q&A for afternoon sessions and closing comments	

SESSIONS AND SPEAKERS

1 – WHAT IS TIMBER?

Richard White

Expert Consultancy Lead

bmtrada

This session will identify and explain the essential nature, properties and characteristics of timber that are key to successful design and specification for architects and engineers, setting the themes for the day's other presentations.

2 – BUILDING WITH WOOD IN A CLIMATE EMERGENCY

Gary Newman

Chief Executive

woodknowledge
WALES

Wood is quite possibly the only industrial material available at scale whose greater use can help mitigate climate change. With global demand for wood set to treble over the coming years, we need to completely re-think land-use options, manufacturing strategies and construction priorities and learn to do more with wood. This session will explore some of the opportunities and challenges.

3 – MOISTURE IN TIMBER

Ben Sharples

Technical Consultant

bmtrada

An understanding of the fundamental relationship between moisture and timber, and the importance of key considerations when specifying timber to achieve the desired performance in service.

4 – PRINCIPLES OF DESIGN

Lewis Taylor

Timber Frame Consultant

bmtrada

In this session, we will discuss key principles of good timber design covering subjects such as use classes, design life, natural durability and preservative treatment, as well as concepts such as drainage, ventilation and breathability.

5 – QUALITY OF TIMBER

Phil O’Leary

Section Leader – Timber Technology Investigations

What do we mean by quality of timber and what is considered to be appropriate? This talk will explain the principles behind the main appearance and strength grading systems. It will clarify the key terms, timber features and characteristics used in some grades and their implied properties.

bmtrada

6 – TIMBER ENGINEERING BASICS

Dr Keerthi Ranasinghe

Senior Lecturer and Programme Director, Civil Engineering

In this session, we will look at the differences and difficulties in timber engineering design compared to more homogenous structural materials. We will examine the fundamentals of design and explore why modern advances in timber design makes it a viable material of choice for the future.



7 – FLAME-RETARDANT WOOD PRODUCTS: A CAUTIONARY TALE

Dr Janet Murrell

Technical Manager

There are many different methods by which the fire performance of timber can be upgraded. The nature of these treatments needs to be considered when looking at how the timber is finally used since it can change physical properties or may not be durable under certain circumstances. This presentation considers the legislative requirements for flame retardant timber, the methodology of the treatment of timber with flame retardants and how the end use of the timber should be addressed to ensure the most appropriate products are used.

warringtonfire

8 – TIMBER FRAME CLT

Robin Lancashire

Timber Frame Consultant

This final session explores the reasons why now, more than ever before, you should be building using structural timber. It also looks at some important drawing details, explaining the key points to get right and how to avoid costly mistakes.

bmtrada

PRICES

Ticket type	Non-member	TRADA member
Standard delegate	£95	£80
Buy 2, get 1 free	£190	£160
Student	£20	£20

Tickets include lunch, refreshments during the networking breaks and a copy of The Role of Wood in Healthy Buildings document.



HOW TO BOOK

Visit bmtradataalkstimber.eventbrite.co.uk

bmtrada
Proud to be part of  element

www.bmtrada.com