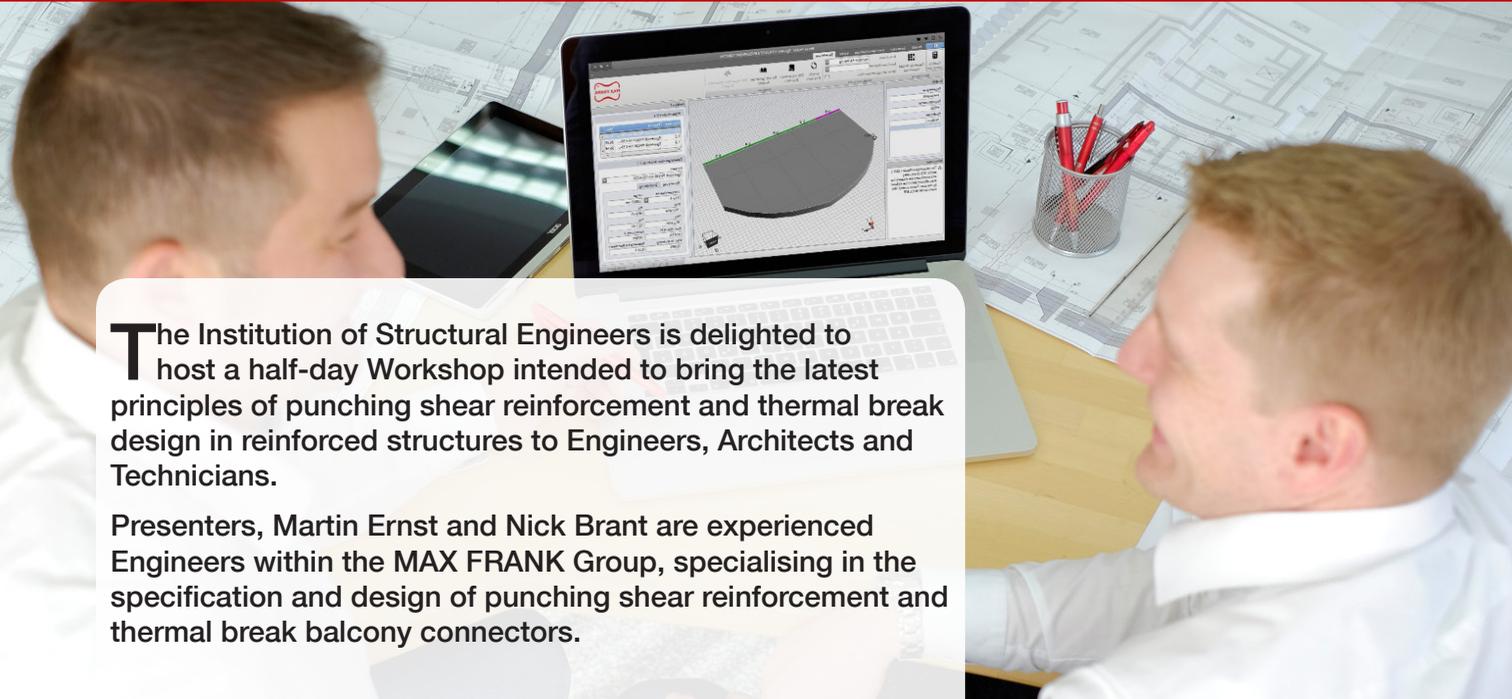


IStructE Industry Workshop: Punching Shear Reinforcement and Thermal Break Design



The Institution of Structural Engineers is delighted to host a half-day Workshop intended to bring the latest principles of punching shear reinforcement and thermal break design in reinforced structures to Engineers, Architects and Technicians.

Presenters, Martin Ernst and Nick Brant are experienced Engineers within the MAX FRANK Group, specialising in the specification and design of punching shear reinforcement and thermal break balcony connectors.

Session 1

09:00 - 09:30

**ARRIVAL: REGISTRATION
& COFFEE**

09:30 - 09:45

**WELCOME &
INTRODUCTION**

Les Baxendale, National
Sales Manager, MAX
FRANK

Session 2

09:45 - 10:30

**WORKSHOP: PUNCHING
SHEAR DESIGN TO EC2**

Nick Brant, Design
Engineer, MAX FRANK

10:30 - 11:00

**NETWORKING & COFFEE
BREAK**

Session 3

11:00 - 11:45

**GUEST SPEAKER:
EUROCODE
ADVANCEMENTS**

Tony Jones, Principal
Engineer, MPA The
Concrete Centre

Session 4

11:45 - 12:45

**WORKSHOP: THERMAL
BREAK DESIGN &
TECHNOLOGY**

Martin Ernst, Specification
Sales Engineer, MAX
FRANK

12:45 - 13:00

**CLOSING SUMMARY,
Q&A**

13:00 onwards

**NETWORKING &
REFRESHMENTS**

Register at

www.maxfrank.com

MAX FRANK Workshop.

Tony Jones - Principal Structural Engineer, MPA The Concrete Centre

Principal Structural Engineer at MPA The Concrete Centre and specialises in the structural design of concrete. Tony will explore the most recent Eurocode advancements, including the latest punching shear reinforcement developments.

Nick Brant- Design Engineer, MAX FRANK

Presenting the workshop on the subject of "Punching Shear Design to EC2". Punching shear failure is a catastrophic brittle type failure which occurs at the flat slab-column junction. During this workshop, Nick will cover design situations – both common and unusual – and how to overcome the problem of punching shear.

Martin Ernst - Specification Sales Engineer, MAX FRANK

Presenting the workshop on the subject of "Thermal Break Design & Technology". The importance of balconies as a means to enhance available outdoor living space and life quality, for social and commercial developments, has increased dramatically over the last decade. Martin, who has a professional background as a Structural Engineer, not only covers structural aspects of thermal break units and the way in which they perform within the structure, but he also addresses the building physics behind thermal bridging.

Event Details

Date

4 April 2019

Venue

The Institution of Structural Engineers
47-58 Bastwick Street, London
EC1V 3PS

Time

9:00 – 13:00 followed by refreshments

Price

Free

Registration

Online at www.maxfrank.com

About MAX FRANK

MAX FRANK is an international group which designs, produces and supplies high-quality solutions to the construction industry. Products from MAX FRANK are technically sophisticated, requiring thorough explanation and advice – but, above all, they are versatile in use. Shearail® punching shear reinforcement and Egcobox® thermal break balcony connectors are the principal reinforcement systems provided by MAX FRANK. Alongside tailored services we provide support from the planning phase through to and beyond completion and, together with our partners, we create individual, comprehensive and cost-effective project solutions.

Design Software Packages

MAX FRANK are at the forefront of technical advancement and we are continually striving to develop our software packages. Working closely with Structural Engineers, we incorporate their feedback into each software update to make each version bigger and better. Our software packages are available for free download from our website.



*The Institution
of Structural
Engineers*

This workshop is an independent undertaking and does not necessarily reflect the views of The Institution of Structural Engineers' Board, Council, committees, members or employees.