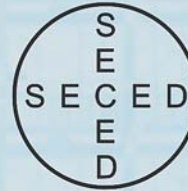


Imperial College
London



Equaljoints
Plus

*The Institution
of Structural
Engineers*



Society for
Earthquake and
Civil Engineering
Dynamics

A half-day workshop on:

Standardised Steel Connections for Seismic Resistant Steel Structures

Wednesday 27 March 2019

11:30 - 17:00

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

Connection design solutions, other than those deemed as 'prequalified' or 'pre-engineered', are permitted in seismic codes of practice when verified by suitable physical prototype tests in accordance with specified procedures or approved by regulatory authorities. However, these alternate 'non-normative' approaches can often be difficult and inefficient. There is therefore significant benefit in the standardisation of seismic connections. This workshop introduces the development of European Prequalified Steel Moment Connections for seismic resistant steel structures, which can be used in conjunction with Eurocode 8. The technical background, which is based on the results of a collaborative European project (Equaljoints Plus), will be presented together with selected design examples and open-access design tools.

The event is free to attend, but places need to be reserved online in advance at: bit.ly/SSCON19. Each participant will receive a hardcopy and an electronic copy of the workshop material.

Limited places available, reserve your free place here: bit.ly/SSCON19

Standardised Steel Connections for Seismic Resistant Steel Structures

PROGRAMME

11:30-12:30

Registration and Lunch

12:30-12:40

Welcome Address

Prof. Ahmed Elghazouli, *Imperial College London*

12:40-13:10

Status of Structural Eurocodes and Background
to Codified Connection Design

Prof. David Nethercot, *Imperial College London*

13:10-13:45

Design Procedures and Developments for Steel Structures
in Seismic Regions

Prof. Ahmed Elghazouli, *Imperial College London*

13:45-14:30

European Prequalified Steel Joints and Implementation
in Eurocode 8 - The EQUALJOINTS Project

Prof. Raffaele Landolfo, *University of Naples Federico II*

14:30-15:00

Coffee Break

15:00-16:00

Design Guidelines and Worked Examples

Prof. Jean-François Démonceau, *University of Liège*

Prof. Aurel Stratan, *Politehnica University Timisoara*

Dr. Dan Bompa, *Imperial College London*

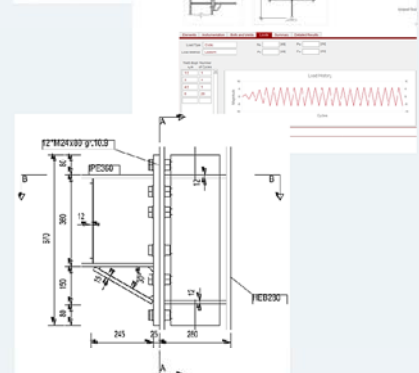
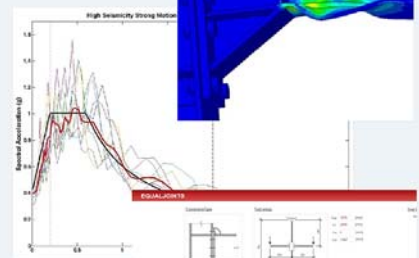
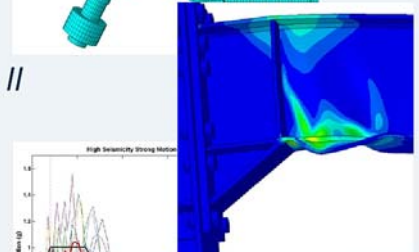
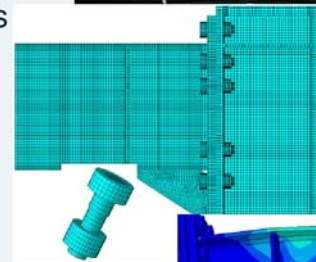
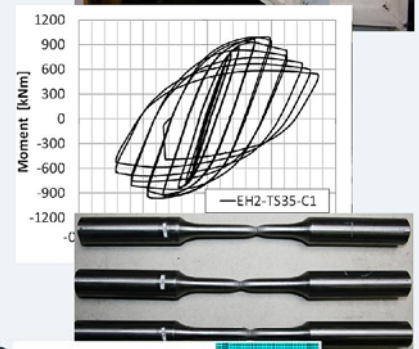
16:00-16:30

Prequalified Connection Design Tools

Prof. Carlos Rebelo, *University of Coimbra*

16:30-17:00

Workshop Closure



Reserve your free place here:
bit.ly/SSCON19

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