

Do NOT miss this international expert

ASI Seminar Series - 2017



AUSTRALIAN STEEL INSTITUTE



Connecting Steel to Concrete

Reducing Risk in the Design of Post-installed and Cast-in Fasteners

Come listen to the world renowned international expert on fastener technology and installation,
Professor Rolf Eligehausen

Rolf Eligehausen

- Was Professor and Head of the Department of Fastening Technology at the Institute of Construction Materials, University of Stuttgart, Germany until 2009.
- Is a Partner in Eligehausen & Asmus since 1996 which specializes in fastening techniques.
- Has more than 30 years' experience in research and testing of anchor technology.
- Has chaired the fib Task Group "Fastenings to Concrete and Masonry", the CEN Working Group responsible for drafting EN1992-4 "Design of Fastenings in Concrete".
- Is a member of ACI Committees 355 "Anchorage to Concrete"; 349 "Concrete Nuclear Structures"; and 408 "Bond and Development of Reinforcement" and of many other national and international technical committees.

Fastenings to concrete are often poorly understood, and numerous high profile failures throughout the world have been attributed to a lack of guidance to the engineering profession.

Make sure you know how to ensure your design is safe!

Designers have failure loads as part of the anchor design. Unless installation is done well, then the failure loads will be much lower and therefore not 'as designed', leading to failure.

This joint ASI/AEFAC seminar will cover:

- The key areas in anchor design covering both post-installed and cast-in anchors.
- Factors and design principles including various failure modes in tension and shear, as well as the design of supplementary reinforcement.
- How the underlying design methodology embedded in Standards Australia Technical Specification 101 "Design of post-installed and cast-in fasteners for use in concrete" (SA TS 101) may be used in the building industry to design safety-critical fastenings to concrete that comply with the requirements of the National Construction Code (NCC).

Times

12.00pm for 12.30pm start to 5.00pm finish

Seminar Package

Seminar Notes (PDF)
Afternoon Tea
Light lunch on arrival

Seminar Fee

\$350 ASI/AEFAC Member incl. GST
\$425 EA Member incl. GST
\$495 Non Member incl. GST



Technical Partners

Engineers attending this seminar may gain CPD points to meet Engineers Australia requirements.

EA Members who are not ASI members should email davidk@steel.org.au with proof of membership to obtain the promotion code to access the EA Member reduced fee. AEFAC members should email davidk@steel.org.au with proof of membership to arrange their registration offline.



Prof. Rolf Eligehausen



Location	Date	Venue
Brisbane	Tuesday 7 March	Brisbane Convention & Exhibition Centre, cnr of Merivale & Glenelg Streets, South Bank
Sydney	Wednesday 8 March	
Melbourne	Thursday 9 March	
Perth	Tuesday 14 March	

Register online at: <http://steel.org.au/events/asi-events>

For further details, contact: **John Gardner** – ASI National Education Manager – Technical

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