

Third International Workshop on Seismic Performance of Non-structural Elements (SPONSE)

31st March 2016, Christchurch, New Zealand

Objective

The primary objective of the 3rd International SPONSE workshop is to bring together a cross-section of international researchers and industry practitioners to discuss and highlight the latest research findings and best practices aimed at minimising the detrimental impact of seismic events on the performance of non-structural elements in built infrastructure.

Whilst significant resource globally is directed towards the improved understanding of the seismic performance of primary structural and lateral restraint systems, little is applied to achieving better performance of the non-structural components. In addition to this, there are many cases whereby the clarity of who is responsible for the seismic performance of non-structural elements is insufficient and much confusion tends to exist.

Topics

The workshop will examine the latest research and best practice in the following general thematic areas:

- Internal elements including walls and ceilings
- Loss assessment and impacts
- Building services and contents

Discussions may include topics such as lessons from Christchurch earthquakes, standards and codes, methods of design and construction, analysis and modelling and approaches to loss assessment

Organiser

The Workshop is organised by the UC Quake Centre, University of Canterbury, Christchurch, New Zealand under the auspices of the SPONSE Association. SPONSE is an international, non-profit, technical society of engineers, architects, manufacturers, insurers, builders, planners, public officials, and social scientists interested in the Seismic Performance Of Non-Structural Elements (SPONSE).

Information on how to apply to become a member of the SPONSE International Association can be found at:

<http://www.sponse.eu/membership>

Organising Committee

Prof. Rajesh Dhakal, University of Canterbury
Dr. Timothy Sullivan, University of Canterbury
Mr. Greg Preston, UC Quake Centre
Dr. Robert Finch, UC Quake Centre

Date and Venue

- 31st March 2016
- Venue: University of Canterbury, Ilam Road, Ilam, Christchurch, New Zealand

Registration

To register to attend the SPONSE Workshop please go to:

<http://www.eventbrite.co.nz/e/seismic-performance-of-non-structural-elements-sponse-workshop-tickets-20791175967>



SPONSE

INTERNATIONAL ASSOCIATION FOR
THE SEISMIC PERFORMANCE OF
NON-STRUCTURAL ELEMENTS

Other events on in Christchurch before and after the SPONSE Workshop

NZSEE Conference

The New Zealand Society for Earthquake Engineering is holding its annual conference on 1-3 April 2016. This conference is also being held in Christchurch (but not the same venue as the SPONSE workshop) and given the timing is immediately following the 3rd SPONSE International workshop, you may wish to take advantage of this and also register for and attend the NZSEE Conference. Details and registration information can be found at <http://confer.co.nz/nzsee2016/>

Workshop on Earthquakes, injury risk, and building safety

Date: Wednesday 30 March 2016

Time: 12pm-5pm (lunch and afternoon tea provided)

Venue: University of Canterbury, Ilam Road, Ilam, Christchurch, New Zealand

Summary:

Prof. David Johnston, Director Joint Centre for Disaster Research, GNS Science/Massey University, Wellington, New Zealand welcomes engineers to participate in a workshop exploring human behaviour, building safety, and risk of injury. This workshop is for engineers and health professionals to share their perspectives on what causes injury and death during earthquakes, and what measures can be taken to lower risk of harm. On the health side, Professor Michael Ardagh, University of Otago, Christchurch, physician in the Emergency Department of Christchurch Hospital, and chair of the RHISE (Researching the Health Implications of Seismic Events) Group will present on the distribution of injuries with populations of casualties in New Zealand earthquakes since September 2010. Prof. Johnston will present on human behaviour and risk of injury in New Zealand earthquakes during the same period. Engineers are invited to present or discuss aspects of their knowledge of structural and non-structural elements of buildings and how these can cause injury and death during earthquakes. By bringing the engineering, health, and behavioural viewpoints together, open discussion may lead to new initiatives that reduce risk of harm to people during earthquakes. Please contact: Dr Joanne Deely at joanne.deely@cdhb.health.nz if you would like to present at or participate in this workshop.