

Noel Nathan Memorial Lecture in Structural Engineering 2012



a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

Noel Nathan Memorial Lecture in Structural Engineering

Tribute to Noel Nathan

The Noel Nathan Memorial Lectures in Structural Engineering are held to honour the memory of our colleague Noel, who passed away in 1998. Noel was a gifted individual who was widely respected as a teacher, mentor, friend and colleague.

Born and raised in South Africa, Noel was a bombardier in the South African Air Force during World War II. He subsequently attended the University of Witwatersand in Johannesburg, and graduated at the top of his Civil Engineering class in 1949. After working in South Africa for a few years, he completed graduate studies at MIT, and eventually came to Vancouver, where he worked for HA Simons Ltd. He joined UBC in 1958 and surprisingly, for many of us who only knew him later as an instructor of structural engineering, he actually began his career by teaching soil mechanics. In the late 1960s he took leave from UBC and attended the University of Washington, where he received his Ph.D. in 1969 in the theoretical area of engineering mechanics.

Noel was active and widely known in the community, in research and in consulting. He is fondly remembered by former students and friends for his insight into engineering, for his wise counsel, and for his humor and friendship.

About the Noel Nathan Fund

The Department of Civil Engineering at UBC wishes to thank friends and colleagues of the late Professor Noel Nathan for past contributions to the “Noel Nathan Memorial Endowment Fund.” Income generated through this Fund is used to support the Noel Nathan Memorial Lecture Series in Structural Engineering on an ongoing basis.

Thank You

The Department of Civil Engineering also wishes to express its appreciation to the Structural Engineers Association of British Columbia (SEABC) for its assistance in sponsoring the reception to follow the Memorial Lecture.

For more information, contact:

The Department of Civil Engineering, UBC

Tel: (604) 822-2637

Email: info@civil.ubc.ca

www.civil.ubc.ca/news-events

RSVP's can be sent to:

www.seabc.ca/nathan2012



Noel Nathan
1925-1998

The Canterbury Earthquakes Engineering Matters

Presented by
Dr. David Hopkins

Wednesday, May 30, 2012
7:00 pm

Reception to follow

UBC at Robson Square
Theatre Room—C300

800 Robson Street, Vancouver, BC

Noel Nathan Memorial Lecture in Structural Engineering 2012

Welcome

Dr. Terje Haukaas
Department of Civil Engineering, UBC

Tribute to Professor Nathan

Dr. Perry Adebar
Department of Civil Engineering, UBC

Introduction of Speaker

Dr. Ken Elwood
Department of Civil Engineering, UBC

Keynote Address

The Canterbury Earthquakes —
Engineering Matters

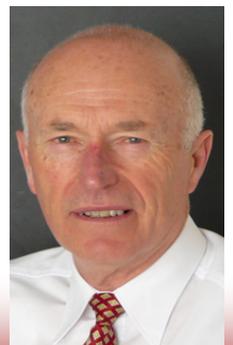
Dr. David Hopkins
New Zealand Consulting Engineer specializing
in earthquake risk management.

The Canterbury Earthquakes— Engineering Matters

Immediately following the February 22 earthquake in Christchurch, New Zealand, David Hopkins found himself leading a group of mainly volunteer professional engineers responsible for the assessment and stabilisation of major buildings, including the Hotel Grand Chancellor. This 22-storey building developed a dangerous lean and was preventing Urban-Search-And-Rescue access to a whole city block. On this and other buildings the group had to build an understanding of the structure and the damage before devising suitable stabilising solutions. On completion of six weeks in this role David was appointed by the Department of Building and Housing to manage investigations into collapses of the CTV and PGC Buildings, which together resulted in 133 deaths, collapse of egress stairs in the Forsyth Barr Building, and near-collapse of the Hotel Grand Chancellor. In the 2012 Noel Nathan Memorial Lecture, David will describe his Canterbury Earthquakes experience, highlight some key structural issues and comment on the implications of these events for communities in New Zealand and elsewhere.

David Hopkins,
BE(Hons) PhD CPEng IntPE(NZ) FIPENZ
FNZSEE

Dr. David Hopkins is a New Zealand consulting engineer specialising in earthquake risk management. He has had a wide range of experience as a structural engineer, manager, and director of a major multi-discipline consultancy. This has involved work mainly in New Zealand, but also in Canada, USA, UK, The Philippines, Turkey, Fiji and Indonesia. He is a Director of the World Seismic Safety Initiative and a former Director of the International Association for Earthquake Engineering. Over recent years David has become increasingly involved in structural and earthquake engineering issues as advisor to the Department of Building and Housing, which is responsible for building quality and the building controls regime in New Zealand. Since the first Canterbury earthquake in September 2010 David has had a number of roles in the response and recovery from these devastating events. After the September 2010 earthquake he was appointed as one of seven people on the Canterbury Earthquake Recovery Commission, which included the mayors of the three cities and towns affected.



Engineering | CIVIL



Reception to follow in the Lobby