

Structural Mechanics and Materials

Faculty Emerging Area of Research

Recent Publications

Fragomeni, S., Doh, J., & Lee, D. (2012) **Behaviour of axially loaded concrete wall panels with openings: an experimental study**, Advances in Structural Engineering: An international Journal, (Accepted for publication on Sep 2011), (ERA Tier A).

Galhena, I., Fragomeni, S., Gamage, N. and Ngo, T. (2011) **Overview of recent experimental research in blast loading of concrete**, CD Proceedings of the 25th Conference of the Concrete Institute of Australia, Perth, Australia, Oct 2011, Paper 26.4.

Gamage, N., Liyanage, K, Setunge, S and Fragomeni, S. (2011), **Overview of different types of fly ash and their use as a building and Construction material**, Proceedings of the International Conference of Structural Engineering, Construction and Management Kandy, Sri Lanka, Dec, 2011.

Gamage, P., Venkatesan, S. and Dissanayake, R. (2011). **Seismic drift demand on multi-storey buildings in Sri Lanka due to long-distant earthquakes**, Proceedings of the International Conference of Structural Engineering, Construction and Management Kandy, Sri Lanka, Dec, 2011.

Ngo, T., Fragomeni, S., Mendis, P.A., & Ta, B. (2012) **Testing of normal and high strength concrete walls subjected to both standard and hydrocarbon fires**, ACI Structures Journal: (accepted for publication on Sep 2011), (ERA Tier A*).

Ranjith, S., Setunge, S., Gravina, R. and Venkatesan, S. (2011). **Deterioration prediction of timber bridge elements using the Markov chain**, *Journal of Performance of Constructed Facilities*. (ERA Tier B).

Yoo, T., Doh, J., Guan, H., & Fragomeni, S. (2011) **Experimental behaviour of high strength concrete deep beams with openings**, *The Structural Design of Tall and Special Buildings* (Online: 10.1002/tal718) (ERA Tier B).