



IALCCE 2012

Third International Symposium
on Life-Cycle Civil Engineering

3 - 6 October 2012
Hofburg Palace, Vienna, Austria

IALCCE

The Symposium is organized on behalf of International Association for Life-Cycle Civil Engineering (IALCCE) under the auspices of the University of Natural Resources and Life Sciences. IALCCE (www.ialcce.org) is a young Association founded in October 2006. Its activities encompass all aspects of life-cycle assessment, design, maintenance, rehabilitation, and monitoring of civil engineering systems.

The International Symposium on Life-Cycle Civil Engineering is a biennial event. In 2012, Austria will host the Symposium for the first time. The IALCCE 2012 Symposium provides an opportunity for academics, engineers, architects, and builders from Austria, Europe, and around the world to keep themselves up to date with latest developments in the field of life-cycle civil engineering.

Mini - Symposium MS 4-3:

Prediction Models for Ageing/Deterioration

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The current development in ageing prediction follows two directions, the deterministic and the stochastic approaches. This results in formulating an ageing model to describe the structural behaviour in the future.

A big issue is to involve investments in the models which put the structure in a better condition – this is the traditional renewal theory – and to find an optimal strategy for the owners or users in this way.

The Mini Symposium will focus on models in that field applicable for stakeholders and giving them the opportunity to deal with different maintenance policies considering aspects like penalty payments and traffic guidance costs.