



# 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](http://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 3-5:

### Structural Retrofitting for Maintenance and Rehabilitation

Tomoaki Akiyama, Tokyo

Andreas Unterweger, University of Natural Resources and Life Sciences, Vienna, Austria

In the industrialized countries maintenance and rehabilitation of existing buildings are the biggest challenge for the next decades. Deterioration, natural hazards like earthquakes and elevated loads have to be taken into account for the reservation and safety of aging buildings.

An efficient connection between the existing and the attached structure by post installed fastenings is the key to accept this challenge in an economic and environment friendly way.

This Mini-Symposium provides the opportunity to present and discuss the research of structural retrofitting systems or their application in current site projects. Authors are asked to submit 300-word abstracts to the chairs of the Mini-Symposium by May 31, 2011.