



## CIB NEWS ARTICLE

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in Building and Construction

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November 2005

Forthcoming Meeting / CIB Co-Sponsored

# European Symposium on Service Life and Serviceability of Concrete Structures ESCS-2006



Service life 2 years..



100 years..



100,000 years

12<sup>th</sup> - 14<sup>th</sup> June 2006, Helsinki, Finland

### About the Conference

Service life and serviceability of concrete structures are key issues in management of buildings, as well as industrial and civil infrastructures. They also address the goals towards sustainable development of our societies.

There have been and are currently intensive research and development works in this area. In addition, the European and global standards are now increasingly including durability and service life aspects. Extensive development is also focused on developing maintenance, repair and rehabilitation concepts, technologies and products.

It is now the time to present a focused picture of the current state and future trends about this issue of serviceability, including theory, practice and education.

### Aims and Objectives

The aim of this symposium is to provide participants with updated knowledge on current theories and practices in the field of service life and serviceability of concrete structures. This will be concretised with invited keynote lectures from research and practice, along with selected oral presentations, posters and discussions during parallel sessions.

The scope of the symposium includes concrete buildings, as well as industrial and civil infrastructures, which are exposed to physical, chemical or biological degrading loads.

### Main Topics

The symposium topics cover a range of themes, including:

- Service life planning of structural systems in buildings, industrial and civil infrastructures: methodologies, optimisation methods, standards, guidelines
- Durability design of concrete structures: principles, methodologies, methods, standards and guidelines
- Quantification and classification of degrading loads onto structures
- Degradation mechanisms and models of structures under different degrading loads
- Lifetime quality and criteria for service life, durability limit states and reliability of structures against degradation
- Long term strategies and planning of MR&R (Maintenance, Repair and Rehabilitation) actions for lifetime engineering
- Life Cycle (Working Life) costs in relation to durability and MR&R programs
- Innovative preventive MR&R technologies, concepts, methods and products



- Service life issues in education and training

## Important Dates

### Timetable

The timetable prior to the symposium is as follows:

Submission of abstract	15 <sup>th</sup> November, 2005
Notification of acceptance of abstract	15 <sup>th</sup> January, 2006
Submission of first draft of full paper	15 <sup>th</sup> March, 2006
Refereeing decision	15 <sup>th</sup> April, 2006
Submission of final full paper	15 <sup>th</sup> May, 2006
Symposium	12 <sup>th</sup> - 14 <sup>th</sup> June, 2006

## Additional Information

For additional info on Registration, Scientific Commission, etc. please download the conference brochure from [here](#).

## Contact details

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