



CONFERENCE VENUE

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The conference will be held at Harpa, Reykjavik Concert Hall and Conference Centre, located close to the city centre. We have reserved rooms at the conference hotel as well as at several other hotels and guesthouses – most within walking distance from the conference hotel.

TOURS AND FLIGHTS

We refer to the conference website for information on flights to/from Iceland and on tours in Iceland. For more information please visit www.rheo.is.

LANGUAGE

All papers shall be written in English. The oral presentation shall be given in English.

TECHNICAL VISIT

A technical visit will be arranged to a construction site and/or a developing laboratory in the greater Reykjavik area.

ABSTRACTS

Abstracts should be submitted in English and completed according to instructions which are to be found on the conference website: www.rheo.is.



CONFERENCE SCHEDULE KEY DATES

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Final date of submission of abstracts: 1st of March, 2014
Submission of final papers: 1st of April, 2014
Early registration: 1st of March, 2014

PLAN FOR 11TH – 15TH OF AUGUST 2014

Mon 11/8	Tue 12/8	Wed 13/8	Thu 14/8	Fri 15/8
ICI Rheology Course	ICI Rheology Course	Opening of Conference	Conference	Conference
	NRS Rheology Course			
		Conference	Conference	Conference
		Reception City Hall	Closing NR Conference	Closing NCR & Eco Conference
			Conference Dinner	ICI Lab Demo & Wallevik Whisky

EXHIBITION

A technical/commercial exhibition will be held during the Symposium. The exhibition area is in the lobby leading to the main conference hall. For more information please visit www.rheo.is.

Eco-Crete

ICELAND 2014
Third Circular

INTERNATIONAL SYMPOSIUM ON SUSTAINABILITY
ENVIRONMENTALLY FRIENDLY
CONCRETE

13 - 15 August 2014
in Reykjavik, Iceland

ICI Rheocenter Courses
11 - 12 August 2014



Innovation Center
Iceland



INTRODUCTION



CONFERENCE THEMES



THE ORGANIZER

ENVIRONMENTALLY FRIENDLY CONCRETE

On behalf of the organizing committee we invite you to the International Symposium on Sustainability; Environmentally Friendly Concrete.

The development of Environmentally Friendly Concrete has been substantial during the last decade, as the building industry has welcomed the challenge facing the industry. New types of concrete are appearing on the market, developed using modern rheology with different compositions of materials. This can have positive effect on the environment.

The Kyoto protocol and its coming successor might greatly influence the type and quality of cement in nearest future, in particular regarding the sustainability of concrete that meets the needs of the present without compromising the ability of future generations to meet their own needs.

Concrete is by far the most manmade material with an annual production of about 25 billion tons and therefore has a big impact on the environment, even though its carbon footprint is relatively very low compare to some plastics or metals. In the future to come, there will be increased demand of documenting or calculating the carbon footprint for concrete and other cementitious products.

THEMES

The symposium welcomes papers on research and development issues. Papers referring to experience from application are especially encouraged. Central themes are:

- Sustainability
- Carbon footprint evaluation
- Cement production
- Mix design of concrete
- Production technology
- Environmentally Friendly Concrete (EcoCrete®)
- Life Cycle Analysis
- Application and case study
- Effect of various admixture
- Cement admixture interaction
- Supplementary cementitious materials
- High Performance Concrete
- Self-Compacting Concrete (SCC)
- Microstructure
- Partical packing
- Fillers

THE ORGANIZER

The symposium is arranged by the Innovation Center Iceland (ICI Rheocenter). The conference chairman is Professor Olafur H. Wallevik.

EcoCrete ICELAND 2014
ICI Rheocenter, Árleyni 2-8, IS-112 Reykjavik, ICELAND
Tel.: +354 522 9000
Fax: +354 522 9311
Email: rheo@rheo.is
Website: www.rheo.is

ICI RHEOCENTER COURSES

ICI Rheocenter is a center of excellence in cement based materials. Our focus is on rheology, cement admixture interactions and special concrete such as high performance concrete (Self-Compacting Concrete, SCC, HSC, Ultra High Performance Concrete and Fibre Reinforced Concrete).

ICI Rheocenter will organize a two day course in rheology of cementitious materials and mix-design parameters of concrete leading to significant reduction in carbon-footprint of concrete. During the course there will be an exercise showing the use of rheology to find sustainable solutions as well as making Eco-SCC® and EcoCrete®.