

Conference chairman

Prof. Dirk Vanderschueren, UGent, Belgium

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Important dates

5 November '12	Abstract submission
15 November '12	Notification of abstract acceptance
15 January '13	Draft paper submission
30 January '13	Notification of paper review
8 February '13	Final paper submission

Conference website

For registration and further information please visit the conference website:

www.SCAD.UGent.be

Call for papers

International
conference on

Sustainable Construction & Design 2013

20-22 February 2013

Ghent, Belgium

Aim and scope

From 20 to 22 February, 2013, the Conference on Sustainable Construction and Design takes place in Ghent. This international event has now come to its fifth edition. Special attention is given to the **interaction** between **academic research** and **industrial applications**, aiming to create a platform where today's research developments meet tomorrow's end users.

The conference covers different aspects related to the mechanical failure of structures and machine components, with a focus on **Tribology** and **Fatigue**. The scope is focused on contributions in the fields of design, measurement and assessment.

Conference fee

Conference registration includes access to the conference, coffee breaks, lunches, the conference dinner and visit to the STAM museum. The early registration participants fee is 400 € and stands till 15 December 2012. A special fare of 250€ is available for PhD students.

Conference format

Accepted contributions will be presented in the form of an oral or a poster presentation. The lectures will be organized in two parallel sessions. An abstract book and USB-key containing the conference proceedings will be provided to the participants. All presented papers will be published in the Sustainable Construction and Design Journal.

Conference topics

Fatigue

- Fatigue in offshore applications
- Application of high strength steel in fatigue conditions
- Assessment of defects
- Fatigue proof design

Tribology

- Challenges in wear modeling and monitoring
- Tribology of advanced materials
- Tribology in extreme conditions
- Special track: Tribology in Low Countries
"Overview of tribological research in Flanders and the Netherlands"

Keynote lectures

Plenary session

- Rikard Maki (Volvo Construction Equipment)

Tribology

- A. Ramalho (University of Coimbra / OECD)
- M. Kalin (University of Ljubljana)
- S. Jacobson (Uppsala University)

Fatigue

- P.B. Haugsoen (OWEC TOWER)
- F. Terhoeve and R.C. Dimitriu (Heerema)
- A. Galtier (Ascométal)

Conference venue

The conference will take place in Ghent, one of the most beautiful historical cities of Belgium and located at the heart of Europe. The historical city centre is described as Europe's best kept secret in Lonely Planet, and only 60 km from Brussels.

The SCAD 2013 conference takes place at Het Pand. This unique building, a former Dominican Monastery, is situated beside the river Leie in the historic city center.

Conference secretariat

SCAD 2013 secretariat
Semico

Tel: +32 (0)9 233 86 60
Fax: +32 (0)9 233 85 97
Email: SCAD@semico.be

www.SCAD.UGent.be

