

## Scientific and technical organisation:

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Research Training Group 1462

Evaluation of Coupled Numerical and Experimental Partial Models in Structural Engineering

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Weimar, Germany

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Dynardo GmbH

Weimar, Germany

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University of Natural Ressources and Applied Sciences

Institute of Mountain Risk Engineering

Vienna, Austria

## Important dates:

Submission of abstracts (not exceeding 400 words):

20<sup>th</sup> April 2014

Notification of abstract acceptance:

15<sup>th</sup> May 2014

Submission of full papers:

25<sup>th</sup> August 2014

Notification of paper acceptance:

10<sup>th</sup> September 2014

## Scientific Committee:

Prof. K. Bergmeister, Vienna, Austria

Prof. C. Bucher, Vienna, Austria

Prof. H. Budelmann, Braunschweig, Germany

Prof. R. Caspelle, Belgium

Prof. B. Ellingwood, Atlanta, USA

Prof. M. H. Faber, Lyngby, Denmark

Prof. D. Frangopol, Lehigh, USA

Prof. K. Geißler, Berlin, Germany

Prof. P. van Gelder, Delft, Netherlands

Prof. C.-A. Graubner, Darmstadt, Germany

Prof. K. Gürlebeck, Weimar, Germany

Prof. M. Hicks, Delft, Netherlands

Prof. J. Hildebrand, Weimar, Germany

Prof. M. Holicky, Praha, Czech Republic

Prof. C. Könke, Weimar, Germany

Prof. G. Mancini, Torino, Italy

Prof. R. Melchers, Callaghan, Australia

Prof. G. Morgenthal, Weimar, Germany

Prof. F. Nadim, Oslo, Norway

Prof. K. Smarsly, Weimar, Germany

Prof. D. Straub, Munich, Germany

Prof. A. Strauss, Vienna, Austria

Prof. P.D. Spanos, Houston, USA

Prof. L. Taerwe, Gent, Belgium

Prof. K.-J. Witt, Weimar, Germany

Prof. F. Wuttke, Kiel, Germany

## Location:

Bauhaus Universität Weimar

Weimar, Germany



# 12<sup>th</sup> International Probabilistic Workshop Call for papers

04 - 05 November 2014  
Weimar Germany

Bauhaus-  
Universität  
Weimar

**dynardo**  
dynamic software & engineering

**BOKU**

## Organization

In the previous years a series of probabilistic workshops on safety and risk in civil engineering were organized starting in 2003/2004 in Dresden, followed 2005 in Vienna, 2006 in Berlin, 2007 in Ghent, 2008 in Darmstadt, 2009 in Delft, 2010 in Szczecin, 2011 in Braunschweig, 2012 in Stuttgart and 2013 in Brno. We will continue this series with the 12<sup>th</sup> probabilistic workshop which will take place on 04<sup>th</sup> and 05<sup>th</sup> November 2014 at Bauhaus-University Weimar, Germany. The workshop will be organised jointly by the Graduate Research School 1462 "Evaluation of Coupled Numerical and Experimental Partial Models in Structural Engineering" of Bauhaus-Universität Weimar (Germany) and the University of Natural Resources and Applied Life Sciences (Austria) and Dynardo GmbH (Germany).

## Scope

Safety, reliability and risk are key issues in a world with continuously increasing complexity. Road and railway accidents, tunnel fires or natural hazards like hurricanes, floods or earthquakes show the vulnerability of our technical facilities and the natural and social environment. Therefore the consideration of safety and risk is without doubt a very important issue during the design of technical facilities, such as civil engineering structures and infrastructure works. Questions about the analysis and treatment of safety and risk arise, as well as questions about optimal safety levels or questions about acceptable values. Those interested in structural safety as well as in broader views on the subject will find appropriate sessions during the symposium.

Potential participants can be consultants, contractors, suppliers, owners, operators, insurance experts, authorities and those involved in research and teaching.

## Conference Venue

The conference topic is the assessment of safety, reliability and risk of structures, systems and facilities. It is intended for civil and structural engineers and other professionals concerned with reliability topic. The following main topics of the symposium are particularly highlighted:

- reliability and risk assessment of concrete structures,
- management and processing of uncertainties,
- inverse analysis and damage identification,
- risk analysis, hazard analysis, risk and hazard mitigation,
- robust design, reliability-based design, performance based design and
- probabilistic material degradation modelling, life cycle concepts.

## Location

Weimar is well known because of its large cultural heritage and its importance in German history.

The city was a focal point of the German Enlightenment and home of the leading characters of the literary genre of Weimar Classicism, the writers Johann Wolfgang von Goethe and Friedrich Schiller. In the 19<sup>th</sup> century, famous composers like Franz Liszt made a music centre of Weimar and later, artists and architects like Henry van de Velde, Wassily Kandinsky, Paul Klee, Lyonel Feininger and Walter Gropius came to the city and founded the Bauhaus.

Weimar Bauhaus University is one of the four universities in Thuringia. The university possesses a unique structure with four main faculties: Architecture, Design, Media and Civil Engineering. It has fostered a diverse profile of instruction and research based on engineering and architectural disciplines.

## Registration form

for the 12<sup>th</sup> International Probabilistic Workshop at 04.-05.11.2014

Please send this registration form via

E-mail: [ipw2014@uni-weimar.de](mailto:ipw2014@uni-weimar.de)

or mail: Bauhaus-University Weimar  
GRK 1462  
Berkaer Str. 9  
99 425 Weimar  
Germany

Surname: .....

First name: .....

Institution: .....

.....

Zip Code: .....

City: .....

Country: .....

Tel.: .....

E-Mail: .....

full fee 380,- €

early bird registration 350,- €  
(till 15.09.2014)

reduced fee for PhD students 180,- €

early bird registration 150,- €  
(till 15.09.2014)