

Technical organisation:

Prof. Lucjan Gućma
Maritime University of Szczecin,
Faculty of Navigation
Waly Chrobrego 1-2
70-500 Szczecin, Poland
l.gucma@am.szczecin.pl

Scientific coordination:

Dr.-Ing. Dirk Proške
University of Natural Resources and Applied
Life Sciences, Vienna
Institute of Mountain Risk Engineering
Peter Jordan-Strasse 82
1190 Wien, Austria
dirk.proske@boku.ac.at

Dr. Ir. P.H.A.J.M. van Gelder
TU Delft,
Section of Hydraulic Engineering
P.O. Box 5048
2600 GA Delft, The Netherlands
P.H.A.J.M.vanGelder@tudelft.nl

Important dates:

Submission of abstracts
(not exceeding 400 words):
asap

Notification of abstract acceptance:
immediately after submission

Submission of full papers:
30 September 2010

Scientific Committee:

Prof. K. Bergmeister, Vienna, Austria
Prof. C. Bucher, Vienna, Austria
Prof. H. Budelmann, Braunschweig, G.
Prof. B. Ellingwood, Atlanta, USA
Prof. M. H. Faber, Zuerich, Switzerland
Prof. D. Frangopol, Lehigh, USA
Dr. Ir. P. van Gelder, Delft, Netherlands
Prof. C.-A. Graubner, Darmstadt, Germany
Prof. L. Gućma, Szczecin, Poland
Prof. M. Holický, Praha, Czech Republic
Prof. G. Mancini, Torino, Italy
Prof. B. Mazurkiewicz, Gdansk, Poland
Prof. R. Melchers, Callaghan, Australia
Prof. F. Nadim, Oslo, Norway
Prof. A. Nowak, Lincoln, USA
Prof. U. Peil, Braunschweig, Germany
Dr. D. Proške, Vienna, Austria
Dr. A. Strauss, Vienna, Austria
Prof. P.D. Spanos, Houston, USA
Prof. L. Taerwe, Gent, Belgium
Prof. H. Vrijling, Delft, Netherlands
Prof. T. Vrouwenvelder, Delft, Netherlands

Location:

Maritime University of Szczecin
Szczecin, Poland
(nearest airport in Berlin 2 hours by bus)



8th International Probabilistic Workshop

18 -19 November 2010
Szczecin, Poland



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 and 2009 in Delft. We will continue this series with the 8th probabilistic workshop which will take place on 18 and 19 November 2010 at Maritime University of Szczecin, Poland. The workshop will be organised jointly by Institute of Marine Traffic Engineering and the University of Natural Resources and Applied Life Sciences, Vienna.

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 workshop. Possible topics include various aspects of structural safety, probabilistic material description, risk assessment for technical and natural hazards and risk perception.

Special Event

8th International Probabilistic Workshop participants may attend, the special workshop focused on simulation methods in marine traffic engineering dedicated to design of civil engineering structures like ports and waterways.

Szczecin Port Tour

The guided tour through beautiful area of Szczecin port will be organized during workshop.

Conference Venue

Szczecin- is the capital city of West Pomeranian Voivodeship in Poland. It is the country's seventh-largest city and the largest seaport in Poland on the Baltic Sea. Szczecin is located on the Oder River, south of the Lagoon of Szczecin and the Bay of Pomerania. The city is situated along the southwestern shore of Dabie Lake, on both sides of Oder and on several large islands between western and eastern branch of the river. The city evolved from an early medieval Pomeranian stronghold, which in 1243 was merged with two adjacent German settlements, creating the present-day Old Town. At the site of the former stronghold, a castle was built as a residence of the Griffin dukes, who ruled the Duchy of Pomerania until 1637. From 1815 to 1945, the city was the capital of both the reorganized Prussian Province of Pomerania and of its central government region. Stettin became the largest and most industrial city of the province, and the surrounding towns and villages were subsequently amalgamated.

University

Maritime University of Szczecin continues the traditions of maritime education that date back to marine schools established in Szczecin in 1947. The University has over 100 well-equipped laboratories, a modern research-training vessel the m/s Navigator XXI, and 14 most technically advanced simulators: Ship Handling Simulator equipped with a 3D visual system, Anti-Collision ARPA Simulator, Electronic Chart Display and Information System (ECDIS) Simulator, Vessel Traffic System (VTS) simulator, Satellite Communication System Simulator - GMDSS, Hydro-Acoustic Simulator, Autopilot Simulator, Radar Simulator, Cargo Handling Simulator, Fishing Simulator, Operational Engine Room Simulator, Graphical Engine Room Simulator, Refrigeration Simulator, Marine Centrifugal Pump's Simulator. This makes the University one of the best-equipped by XXI century standards maritime universities in EU.

Technical information

Registration, abstract and paper submission, additional detail are available via conference site:

<http://www.irm.am.szczecin.pl/>

The registration fee:

200 Euro for regular attendants

50 Euro for students

Payments details will be available via web site

