

## Workshop Venue

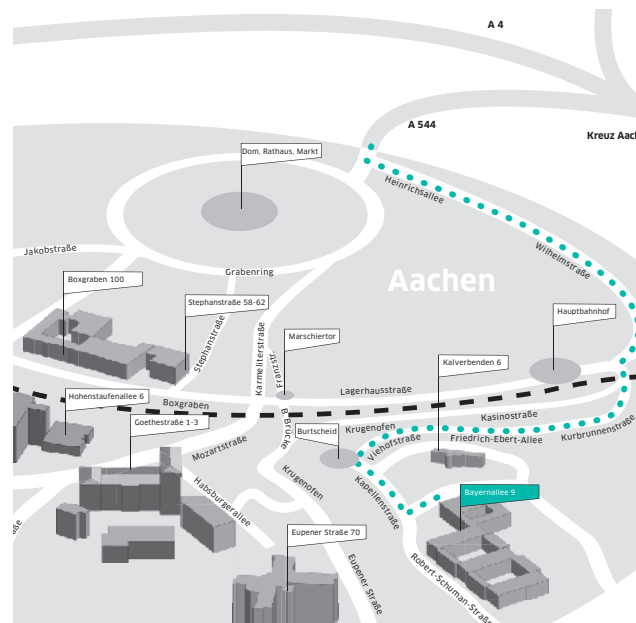
The workshop will be held in the city of Aachen/Germany. Being located close to the Belgian and Dutch border, Aachen is the most western major city in Germany. As an imperial city with 2000 years of history, Aachen is a famous research place nowadays. It offers its inhabitants and, of course, the visitors as well, a broad range of cultural facilities, sporting activities, colorful festivals, interesting shopping and, naturally, a lot of green space for leisure in an international atmosphere. The nearest international airports are located in Dusseldorf, Cologne and Brussels (all airports approx. 1.5 hours by train). Find more information on [www.aachen-emotion.com](http://www.aachen-emotion.com)

**FH Aachen University of Applied Sciences:**  
**Education and research in an international environment**  
 With more than 10,000 students and roughly 220 professors, the FH Aachen University of Applied Sciences is one of the biggest Fachhochschulen in Germany. Being established in 1971 by consolidation of several older schools, education is based on a tradition of more than 100 years. Education and research focus on natural sciences and engineering, economics and design.

The workshop will be held in the FH Aachen's assembly hall (Bayernallee 9, Aachen) offering space for more than 200 guests. The venue can be easily reached from downtown hotels by public services.

### Accommodation

Numerous convenient hotels of different categories as well as low-budget hostels can be found in the city centre and in the vicinity of the workshop venue. Special rates will be announced on the workshop webpage as soon as possible.



## International Workshop on Hydraulic Design of Low-Head Structures IWLHS 2013

1<sup>ST</sup> ANNOUNCEMENT AND CALL FOR PAPERS

20 - 22 February 2013

FH Aachen | University of Applied Sciences  
 Bayernallee 9 | 52066 Aachen | Germany

FH AACHEN  
 UNIVERSITY OF APPLIED SCIENCES





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## Objectives

Hydraulic engineering is one of the most challenging fields in civil engineering and becomes more and more important in times of climate and demographic change. Particularly, the flow around structures is of a complex nature and flow phenomena are still not fully understood.

This workshop aims to bring together experts working in the specialized field of low-head structure design from both, research and practice communities. It will provide a forum for presentation and discussion of recent advances in knowledge as well as future needs. The workshop is yet another event in a series of successful workshops and symposia organized by the IAHR Hydraulic Structures Committee during the last decade.

The surroundings of Aachen are characterized by a long tradition in hydraulic engineering being reflected in a large number of dams, weirs and other structures as well as a high density of consultancies and local water associations.

The Local Organizing Committee is thus delighted to invite you to participate in the International Workshop on Hydraulic Design of Low-Head Structures taking place from February 20 to 22, 2013, in Aachen/Germany.

*Daniel B. Bung* (Chairman, LOC)

## Themes

The workshop will focus on recent advances in regard to

- > Low-head dams & weirs
- > Ramps & fishways
- > Waterway structures
- > Drop structures in sewer systems
- > Small hydropower
- > Physical and numerical modeling
- > Field studies
- > Air-water interaction

# Workshop Organization

The Local Organizing Committee (LOC) is pleased to invite interested researchers and practitioners to the International Workshop on Hydraulic Design of Low-Head Structures. The workshop is organized by the Hydraulic Structures Committee (HSC) of the International Association for Hydro-Environment Engineering and Research (IAHR: [www.iahr.net](http://www.iahr.net)).

### HSC Leadership Team

*Stefano Pagliara* (Chairman), University of Pisa  
*Robert Janssen* (Vice-Chairman), Bechtel Corporation  
*Blake Tullis*, Utah State University  
*Daniel B. Bung*, FH Aachen University of Applied Sciences  
*Hubert Chanson*, University of Queensland  
*Jorge Matos*, Technical University of Lisbon - IST  
*Michael Pfister*, EPF Lausanne

### Local Organizing Committee

*Daniel B. Bung* (Chairman), FH Aachen University of Applied Sciences  
*Mario Oertel*, University of Wuppertal  
*Peter Weinmann*, Federal Waterways Engineering and Research Institute (BAW)  
*Sébastien Ericum*, University of Liège  
*Walter Kleiker*, FH Aachen University of Applied Sciences

### Contact and Information

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[www.iwlhs2013.fh-aachen.de](http://www.iwlhs2013.fh-aachen.de)

## Key Information

The LOC is asking for Expressions Of Interest (EOI) by researchers and practitioners before submission of full papers. This EOI replaces a separate Call for Abstracts and is mandatory for later paper submission. Expressing your interest does not oblige to a registration.

Full papers can be submitted from 1 August 2012 until 1 October 2012 and will be peer-reviewed by an International Scientific Committee. All accepted final papers will be included in the workshop proceedings. Detailed instructions for EOI, paper submission and registration can be found on the workshop webpage: [www.iwlhs2013.fh-aachen.de](http://www.iwlhs2013.fh-aachen.de).



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### Important Dates

EOI deadline	1 August 2012
Full paper deadline	1 October 2012
Full paper acceptance	1 November 2012
Revised full paper deadline	15 November 2012
Early bird and author registration until	15 November 2012
Normal registration until	15 January 2013
Late registration until	15 February 2013
Workshop	20 - 22 February 2013

### Registration fees

	Early Bird	Normal	Late	On-site
<b>IAHR members</b>				
Delegates	230 Euro	270 Euro	310 Euro	350 Euro
Students*	130 Euro	170 Euro	210 Euro	250 Euro
<b>Non-members</b>				
Delegates	290 Euro	330 Euro	370 Euro	410 Euro
Students*	190 Euro	230 Euro	270 Euro	310 Euro

\* full time undergraduate or postgraduate students enrolled in a recognised higher education course at an approved university and not engaged in full time employment.

Fees include workshop materials, program and proceedings, welcome reception, workshop dinner, morning and afternoon refreshments and lunch.

### Supporters

Federal Waterways Engineering and Research Institute (BAW)