



Stockholm

The Benchmark Workshop 2017 will be held at KTH Royal Institute of Technology in the city of Stockholm, the capital of Sweden.

Stockholm was founded in the year 1252 and consists of 14 islands around one of Europe's largest and best-preserved mediaeval city centers, the city is stunningly located by the Baltic Sea.

KTH is one of Europe's leading technical and engineering universities, as well as a key center of intellectual talent and innovation. KTH is Sweden's largest technical research and learning institution and home to students, researchers and faculty from around the world dedicated to advancing knowledge.



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Committee on Computational Aspects of Analysis and Design of Dams

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Local organizing committee (LOC)

KTH Royal Institute of Technology
 Department of Civil and Architectural Engineering
 Prof. Johan Silfwerbrand
 Dr. Richard Malm (chairman of LOC)
 Adj. Prof. Manouchehr Hassanzadeh
 Adj. Prof. Erik Nordström
 Tech. Lic Tobias Gasch
 M.Sc. Daniel Eriksson
 M.Sc. Rikard Hellgren
 Mrs Birgitta Brunström

Contact

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ICOLD
 International
 Commission on
 Large Dams

14th International Benchmark Workshop on Numerical Analysis of Dams

September 6 – 8, 2017
 Stockholm, Sweden

Second call

Updated information on homepage:
www.icold-bw2017.conf.kth.se



Energiforsk

General

The design and maintenance of existing dams represent a challenge for the whole engineering community. In this context, the ICOLD Committee on “Computational Aspects of Dam Analysis and Design” has performed noteworthy contribution to the diffusion of knowledge in the specific field of numerical modelling. During its long activity, the Committee has organized 13 Benchmark-Workshops with the aim to offer dam engineers the opportunity to compare experiences in the proper use of numerical analyses.

The 14th Benchmark-Workshop will provide an excellent opportunity for engineers, researchers and operators to present and exchange their experiences on the use of numerical modelling for design, performance evaluation and safety assessment of dams.

Topics:

Instruction and data for all themes are available on the homepage

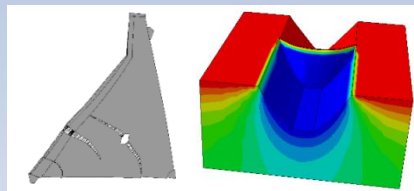
Theme A: *Cracking of a concrete arch dam due to seasonal temperature variations*

Theme B: *Static and seismic analysis of an arch-gravity dam*

Theme C: *Embankment dam behaviour – prediction of arching and cracking potential*

Theme D: *Risk Analysis – assessment of reliability for concrete dams*

Open Theme: *Choice of the contributor*



Preliminary Program

Venue: Hotel Birger Jarl, Stockholm, Sweden

Host: KTH Royal Institute of Technology



Program	Wednesday 6 th Sept.	Thursday 7 th Sept.	Friday 8 th Sept.
	Registration		Excursion – Technical tour
Morning	Theme B + D	Theme A + C	
	Lunch	Lunch	
Afternoon	Theme B + D	Theme A	
	+Open theme	+Open theme	
Social event	Welcome reception	Closing dinner	

Registration fees

The registration is made online at:

www.icold-bw2017.conf.kth.se

Prices (in SEK)	Early bird	Regular
Registration	3 600	4 300
Student	1 800	2 500
Technical tour	800	800

The registration fee includes lunches, coffee breaks, welcome reception, closing dinner and documentation.

The technical tour fee includes transportation by coach, coffee breaks and lunch.

Deadline for early bird registration is April 30th

Call for Contributions

This invitation is intended to announce the upcoming International Benchmark Workshop on numerical analyses of dams in September 2017 and its selected themes.

Participants intending to present a contribution to any of the topics are invited to send their expression of interest prior to March 15th 2017 by e-mail to icold-bw2017@kth.se

The information should include

- Theme of choice (A ÷ D or Open Theme)
- Authors name, affiliation and mailing addresses
- Phone number to the contact person

Important dates

March 15th 2017:

Please announce your participation in themes A to D

Deadline for submission of abstracts to the Open Theme.

July 20th 2017:

Deadline for paper submission of Contributions

