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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Vice-Chairman

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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

Information and Registration
icold-bw2017@kth.se

ICOLD
International Commission on Large Dams

14th International Benchmark Workshop on Numerical Analysis of Dams

6th – 8th September 2017
Stockholm, Sweden

First call
Preliminary information

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

KTH VETENSKAP OCH KONST

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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:

Theme A:	Thermal cracking of a concrete arch dam
Theme B:	Static and seismic analysis of an arch gravity dam
Theme C:	Seismic analyses of Embankment dams
Theme D:	Probabilistic analysis of concrete dams
Open Theme:	Choice of the contributor

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Preliminary Program

Venue: KTH Royal Institute of Technology, Stockholm, Sweden

Wednesday, 6th September 2017
Registration
Theme A - Concrete Dam
Lunch
Theme B – RCC Dam
Theme C - Embankment Dam
Welcome dinner

Thursday, 7th September 2017
Theme C - Embankment Dam (continued)
Lunch
Theme D – Risk assessment
Open Theme – Free contributions
Closing dinner

Friday, 8th September 2017
Excursion

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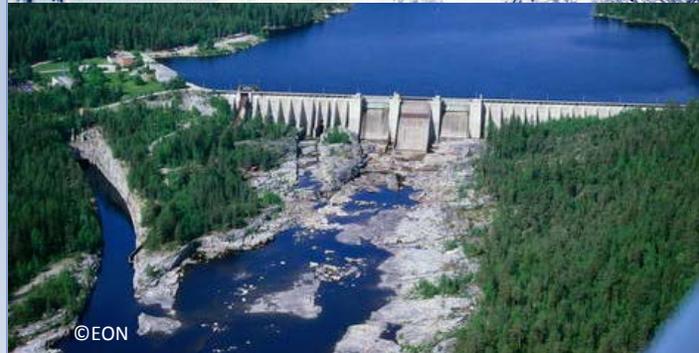
Call for Contributions

This invitation is intended to announce the upcoming International Benchmark Workshop on numerical analyses of dams in September 2017 and its selected themes. Detailed information and input data on the themes will be available for participants in December 2016.

Participants intending to present a contribution to any of the topics are invited to send their expression of interest prior to February 28th 2017. The information should include
- Theme of choice (A ÷ D or Open Theme)
- Authors name, affiliation and mailing adresses
- Phone number to the contact person

Important dates

November 2016:
Theme proposals available on the homepage
December 2016:
Handout of input data for the Benchmark themes
February 28th 2017:
Please announce your participation in themes A ÷ D or Open Theme before the end of February.
June 30th 2017:
Deadline for paper submission of Contributions