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Organized by



Université de Liège – Hydraulique  
de l'Environnement Naturel et  
Construit



Comité Vietnamien des Grands  
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Electricité de France – Centre  
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Ecole Polytechnique Fédérale de  
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with the support of



Schweizerischer Wasserwirtschaftsverband  
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Associazione svizzera di economia delle acque



First Announcement and call for papers

# 3<sup>rd</sup> International Workshop on Labyrinth and Piano Key Weirs

Qui Nhon, Vietnam  
22-24 February 2017



## BACKGROUND AND OBJECTIVE

The Piano Key Weir (PKW) is a weir of particular geometry, associating to a labyrinth shape the use of overhangs to reduce the basis length. The PKW can thus be directly placed on a dam crest. Together with its important discharge capacity for low heads (several times the one of a Creager weir), this geometric feature makes the PKW an interesting solution for dams rehabilitation as well as new constructions.

Following two first editions held in Europe (Liège, Belgium in 2011 and Paris, France in 2013), the 3<sup>rd</sup> International Workshop on Labyrinth and PKW moves to Asia, and in particular to Vietnam, where several large PKW projects are in operation or under construction.

As for the two previous editions, the workshop aims at bringing together people with varied background (engineers, researchers,...) to state and summarize the current knowledge on these non conventional hydraulic structures. Special emphasis will be put on planned and existing projects, with also first data from real structures operation.

High level papers selected by the International Scientific Committee and presented during the workshop will be published in a hard cover book before the conference.

The workshop environment is willing to be friendly, co-operative and non-competitive.

## MAIN TOPICS (non limitative)

- Physical and numerical modeling
- Hydraulic and structural design
- Planned projects
- Existing projects
- Future developments

## PLACE & TRANSPORTATION

The workshop will be held in Qui Nhon, a coastal town in the center of Vietnam, close to recently commissioned Van Phong dam, equipped with a 300 m wide PKW.

Daily flights connect Qui Nhon to Hanoi and Hô-Chi-Minh International Airports.



## PROGRAMME

The workshop will include 2 days of presentations and a one-day technical tour in the Qui Nhon surrounding region, including the Van Phong dam.

## LANGUAGE

English will be the workshop language, for both papers and presentations.

## REGISTRATION

Participants are expected to make all travel arrangements to/from Vietnam, and pay for the trip. Lowest possible fees will be charged to cover all the costs during the workshop (accommodation in Qui Nhon, meals, proceedings) and the technical tour.

Registration and payment details will be made available on the workshop web site.

## WEB SITE

Information on the workshop will be given and updated on the following web site:

<http://www.pk-weirs.ulg.ac.be>

## CALL FOR ABSTRACTS

Authors are requested to submit an abstract in English (1 page max. 250 words) by e-mail to the workshop secretariat ([pk-weirs@ulg.ac.be](mailto:pk-weirs@ulg.ac.be)) by **15 July 2016**.

The abstract should include a title, author(s) affiliation(s) and full address (incl. tel., fax and e-mail) of the corresponding author.

Authors will be notified of acceptance for full paper submission by **15 August 2016**.



## DATES

**15 July 2016: Abstracts submission**

15 August 2016: Notification of abstracts acceptance

**1 October 2016: Full papers submission**

15 November 2016: Reviewing of full paper

15 December 2016: Revised full papers submission

**22-24 February 2017: Workshop**

