



The 4th IAHR Asian Working Group Symposium on Hydraulic Machinery and Systems

12-16 August, 2023
Kashgar, China

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August 12-16, 2023

Kashgar, Xinjiang Uygur Autonomous Region, China

I. Background

The international Association for Hydro-Environment Engineering and Research (IAHR), founded in 1935, one of the IAHR Committee is the Hydraulic Machinery and Systems, which deals with the advancement of technology associated with the understanding of steady and unsteady flow characteristics in hydraulic machinery and conduit systems connected to the machinery, and the main emphasis is to promote interaction between the machine designers, machine users, the academic communities, and the communities at large.

To meet its objectives, the Committee focuses on the best possible exchange of technical knowledge by arranging Committee Symposia every second year. The Symposia are designed to attract scientists and engineers from industries, universities, consultants and users of hydraulic machinery. In addition, the Committee established "Asian Working Group" specially to promote the exchange and cooperation of hydraulic machinery industry in Asian countries.

In recent years, water conservancy and hydropower in Asia have been developing dramatically. Hydraulic machinery like pump, pump turbines etc., are widely used in project construction. There are plentiful scientific and technical payoffs achieved within the related researches. "Asian Working Group" has held three symposiums on hydraulic machinery and systems, which are: IAHR 2017 Asia Beijing, IAHR 2019 Asia Busan, IAHR 2021 Asia Nepal. And all conference proceedings have been published in IOP.

II. Scope

The organizing committee encourages and welcomes the original research papers on the following topics: Intake system, Hydraulic turbines, Pump-turbines, Pumps,



Storage pumps, Ocean energy, Small and micro hydropower, Sustainable hydropower, Energy storage and flexibility, Cavitation and multiphase flow, Multi-field coupling, Computational fluid dynamics and fluid-structure interaction, Sediment erosion, Vortex breakdown, Vibration and fatigue loading, Measurement techniques and signal processing, Model tests and laboratory tests, Smart grid and digital twin, Selected topics.

III. Organization

Organizers: Tsinghua University and Xinhua Hydropower Company Limited.

Co-organizers: Dongfang Electric Machinery Co., Ltd., Harbin Electric Machinery Co., Ltd., Jiangsu University, Xi'an University of Technology, Hohai University, Zhejiang University of Water Resources and Electric Power, Andritz (China) Co., Ltd., Xihua University and Northwest A&F University.

Supporting Organizations: China Electricity Council, Chinese Hydraulic Engineering Society and China Society for Hydropower Engineering.

IV. Important dates

Abstract submission deadline: 10 April 2023

Notification of acceptance/rejection of abstract: 24 April 2023

The first submission of manuscript deadline: 20 July 2023

The first notification on the manuscript: 24 July 2023

Revised manuscript submission deadline: 31 July 2023

The revised notification on the manuscript: 3 August 2023

The final submission deadline: 10 August 2023

V. Venue

Plenary venue: Nanjiang global port (harbor) international hotel, No.294 Western Regions Road (Xiyu Avenue), Kashgar (Kashi), Xinjiang Uygur Autonomous Region, China.

Parallel Venue: Kashgar Laining Hotel, No. 160, Jianshe Road, Kashgar (Kashi), Xinjiang Uygur Autonomous Region, China.



VI. Overview programme

Time zone: Beijing Time (UTC+8 /GMT+8)

Aug. 12 th	Aug. 13 th	Aug. 14 th	Aug. 15 th	Aug. 16 th
Registration (10:00-20:00)	Opening ceremony (10:00-11:00) Group photo (11:00-11:30) Plenary (11:30-11:50) Coffee Break (11:50-12:10) Plenary (12:10-14:00)	Parallel sessions (10:00-11:50) Coffee Break (11:50-12:10) Parallel sessions (12:10-14:00)	Plenary (10:00-11:50) Coffee Break (11:50-12:10) Plenary (12:10-14:00)	Scientific tour – Altash Key Water Control Project (7:00-22:00)
	Lunch (14:00-16:00)			
	Plenary (16:00-17:50) Coffee Break (17:50-18:10) Plenary (18:10-20:00)	Parallel sessions (16:00-17:50) Coffee Break (17:50-18:10) Parallel sessions (18:10-20:00)	Plenary (16:00-17:50) Coffee Break (17:50-18:10) Free discussion on technical exchange/ Executive Committee meeting (18:10-19:10) Closing ceremony (19:10-20:00)	
Banquet (20:00-22:00)	Dinner (20:00-22:00)			

Note: The detailed schedule is subject to the most recent updated programme. The conference manual will be given to each attendee on-site, which includes the guidelines and the most updated programme. The actual programme will also be updated online



VII. Registration Fees

Early fee (before 30 April 2023)

Index	Delegate without paper	Delegate with paper
Low-income countries	CNY 2300	CNY 2800
High-income countries	CNY 2800	CNY 3300
Students	CNY 1800	CNY 2300
Companions	CNY 1300	

Standard fee (01 May - 31 July 2023)

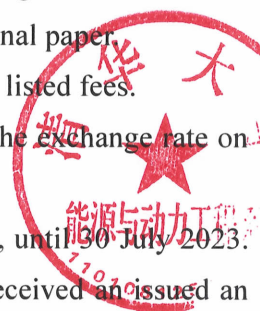
Index	Delegate without paper	Delegate with paper
Low-income countries	CNY 2500	CNY 3000
High-income countries	CNY 3000	CNY 3500
Students	CNY 2000	CNY 2500
Companions	CNY 1500	

Late fee (01-16 August 2023)

Index	Delegate without paper	Delegate with paper
Low-income countries	CNY 2800	CNY 3300
High-income countries	CNY 3300	CNY 3800
Students	CNY 2300	CNY 2800
Companions	CNY 1800	

Note:

1. Fee includes: access to all conference sessions (except companions), four lunches and five dinners, scientific tour of Altash Key Water Control Project. The price of delegate with paper only includes one paper's review and publishing fees, who submit more than on paper will be charge CNY 700 extra for each additional paper.
2. Active IAHR members get a CNY 700 price reduction from the listed fees.
3. All fees in CNY - Chinese yuan. Settlement shall be made at the exchange rate on the day of payment.
4. Cancellation: Refunds are given with a deduction of CNY 600, until 30 July 2023. There are no refunds after 1 August 2022. For those who have received an issued an invoice cannot apply for a refund.
5. Online payment can be completed on the conference website. For corporate transfer payment, please contact the Organizing Committee separately.



VIII. Contact

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Tsinghua University (Department of Energy and Power Engineering)
IAHR - Asian Working Group Organizing Committee

July 12, 2023

