

XIIth Polish Hydropower Conference **HYDROFORUM 2023**

Scandic Hotel Wrocław, 25-26 (27) October 2023



BULLETIN NO 1

Call for papers and sponsorship

Organisers



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member



Szewalski
Institute of Fluid-Flow Machinery
of Polish Hydropower Association



Polish Association
of Small Hydropower Development



Wrocław University of Science and Technology
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The beginning of October this year will see the 50th anniversary of the HYDROFORUM'73 techno-scientific conference, which initiated a long-term series of events under the same name. The conference was organised in Gdańsk by the Department of Liquid Dynamics of the Institute of Fluid-Flow Machinery of the Polish Academy of Sciences (IMP PAN) and the Northern District Power Plants – a Polish state enterprise based in Bydgoszcz. The debate focused on the problems of design and operation of hydraulic turbomachines – particularly those related to hydropower. An emphasis was attributed to the summary of experience following from the two-year operation of Żydowo pumped storage power plant – the first classic PSPP in Poland. The HYDROFORUM conferences of the first cycle were organised until 2005, when it was recognized that the original formula had been exhausted. The event organized every 5 years did no more provide the opportunity to adequately respond to the unstable situation of the national hydropower industry, and the effort of the IMP PAN employees involved in the preparation of the conference could not be reconciled with their daily professional duties.

The co-organizer of the last two editions was the Polish Hydropower Association (TEW), and the debate topics increasingly gravitated towards strategic, legal, economic and environmental aspects of hydropower functioning. The course of HYDROFORUM 2000 and 2005 indicated that there is a genuine need for regular meetings of representatives of the hydropower sector between themselves, with representatives of various decision-making centres, as well as partners from the industrial environment, design offices, research and research and development centres. In this situation, the cycle was resumed already in 2011 – in a new formula, initially under the name associated with the RENEXPO Poland renewable energy fair.

Today the HYDROFORUM Polish Hydropower Conferences are annual events of regional European impact, usually organized near newly commissioned or rehabilitated hydropower plants, which are the purpose of technical visits. The main organizer is Polish Hydropower Association. The co-organizers are: Polish Association of Small Hydropower Development (TRMEW) and the Institute of Fluid-Flow Machinery of the Polish Academy of Sciences, which is responsible for the substantive side. Usually a local co-organizer and partners ready to support us at various stages of preparation and during the event itself.

The debate is conducted in Polish and English, with simultaneous interpretation. The thematic scope is adapted to the current situation of the hydropower sector and the professional interests of the hydropower community. The problems of the sector development strategy and conditions are preceded by information on new projects, technical and environmental issues and typical scientific reports, which we leave to the end of the meeting. Thanks to the European project Life NEXUS, since last year the conference hosts again pump topics – mainly related to the use of pumps in turbine mode of operation. Efforts will be made to maintain this trend in the coming years.

The central point of the conference is the HYDROFORUM Debate, devoted to the current problems of the sector in the country and in the region. We invite representatives of central offices, broadly understood hydropower and the world of science, as well as independent experts to the panel table. We always expect the participation of delegates present in the lecture hall to take part in the discussion. The final topic of this year debate depends on the possibility of attracting relevant panelists. Among the preferred topics of discussion is primarily the intention to resume the development of pumped-storage in Poland and the issue of restoring the necessary resources of specialists in the perspective of the forthcoming decades.

This year the conference is planned for October 25th and 26th. It will be preceded by the TEW National Assembly taking place at the same venue on October 24th. The online participation is planned and will be effected in case the sufficient number of delegates show their interest. The study visit goal will be Malczyce HPP. The visit will take place in the afternoon of 26 October or before noon on 27 October. Please follow our website for updates of this bulletin.

The conference package will comprise a one-year subscription to the *Energetyka Wodna* quarterly and access to the electronic version of presentations and printed proceedings with extended abstracts of conference contributions. The electronic version of the Book of Abstracts will be available from the TEW website till the end of November this year. With authors' consent the same website will be used to spread the pdf version of their presentations.

The authors of selected contributions will be invited to prepare post-conference papers to be published in *Energetyka Wodna*. Some of them will be also invited to submit their post-conference paper in a special issue of *Transactions of the IFFM* – a peer-viewed serial publication of the IMP PAN, now at the list of Polish Ministry of Education and Science. The editorial process will be initiated only in case at least 6 submission proposals are received.

Conference applications

Participation in the Conference requires registration and payment of the conference fee. You can register online, using the <http://hydroforum.tew.pl/index.php/en/> website or by sending the completed registration form at the following address:

Biuro Towarzystwa Elektrowni Wodnych,

ul. Piaskowa 18, 84-240 Reda, Poland, phone: +48 58 678 79 51,

e-mail: biuro.tew@gmail.com, biuro@tew.pl.

The form will be available from the hydroforum.tew.pl and www.imp.gda.pl websites. The completed registration form will be the basis for issuing an invoice. The following **conference fees** apply (PLN net values)

Application date	till 26.09	after 26.09
basic fee:	1 700	1 800
hydropower association members	1600	1 700
speakers*, session chairmen, students	1200	1400
TEW Reception**	250	250
Online participation	till 9.09	after 9.09
basic fee:	800	900
speakers*, students	600	700

* Only non-commercial contributions.

** The reception will take place on the eve of the Conference (24.X). The reception is free of charge for TEW National Assembly delegates.

The fee shall be paid at the TEW account, according to the invoice received. The conference fee does not include the hotel costs are to be covered by the delegates on an individual basis. The Organisers reserve themselves the right to apply special discounts and to issue free invitations for Conference guests. For further details please consult the TEW Office.

Cancellations prior to September 26th are free of charge. Later on the delegate may be charged with the cost up to 50 % of the basic conference fee. In case of cancellations after October 10th, the Organisers keep the right to charge the delegate with full fee.

Call for papers

All those interested in sharing their knowledge and experience in form of a conference contribution are invited to declare such a wish at the registration form which can be filled at the hydroforum.tew.pl

website or sent at the TEW Office. You are also invited to contact us on Conference Programme issues using the phone number +48 608 19 71 85 or e-mail address steller@imp.gda.pl.

We will be waiting for applications until **September 18th** this year. By **September 29th**, you'll be expected to send us the full version of the extended abstract prepared in accordance with the attached template. We cannot guarantee that abstracts submitted at a later date will be included in printed materials. We anticipate disseminating information about the detailed program of the conference by October 15. Additional information can be obtained at the above address or by phone (+48 608 19 71).

Conference venue and logistics

The Conference venue will be *Scandic Wrocław Hotel* (ul. Marszałka Józefa Piłsudskiego 53/57, 50-032 Wrocław), located some 700 m from the Wrocław Main Railway Station.

It is also *Scandic Hotel*, where the rooms have been pre-booked for HYDROFORUM delegates. The negotiated prices (359 zł/single-bed and 394 zł/twin-bed room) are more favourable than those available by individual booking. Please select the relevant option in the registration form in order to make reservation using our services. The parking spaces are available at the price of 65 zł/day.

Provisional Framework Programme

25th October 2023	
8:00	Registration of delegates
9:00	Opening of the Conference
9:30	Block I: Potential, strategy, energy policy, legal and economic constraints
13:00	Lunch break
14:00	HYDROFORUM Debate
15:30	Block II: New projects, environmental and social impacts
18:00	Closure of the 1st day debate
19:30	Conference dinner
26th October 2023	
9:00	Block III: Design, operation and maintenance problems; impeller pumps (especially PATs)
13:00	Lunch break
14:00	Block IV: Research and R&D studies
17:00	Closure of the Conference Debates
27th October 2023	
9:00	Study visit to Malczyce HPP (departure)
13:30	Farewall lunch (for study visit participants)

Sponsorship

The Conference will provide an excellent opportunity for establishing your new contacts or strengthening existing relationships with your partners. Sponsorship of the whole Conference or some Conference events may appear really helpful in this respect. In any case, the Conference Organisers will notify the Conference Delegates about your sponsorship in the Conference proceedings and at our website hydroforum.tew.pl. Please contact the TEW Office for further details.

Publishing collaboration and media patronage