

DEADLINES / CALL FOR PAPERS

DEADLINES

Deadline for the abstract:
29.02.2020

Decision of the Reviewing Committee on the acceptance of the paper:
02.05.2020

Deadline for the final paper:
15.08.2020

CALL FOR PAPERS

Submission of abstracts:

The acceptance of contributions to the conference is based on extended abstracts. The abstracts should be up to two A4 pages long. They should clearly state the objectives, results and main conclusions. Please include the title of the paper, author's names, affiliation, addresses, telephone and e-mail for correspondence. All abstracts will be reviewed, and if accepted, the author's should submit the full paper for publication. Only those who make the presentation at the conference may have their papers published.

Final paper:

The final paper has to be written in English language.

CONFERENCE LANGUAGES

The conference languages will be English and German. Simultaneous translation will be provided.



ORGANISATION

Host:
TU Wien | IET - Institute of
Energy Systems and Thermodynamics

Conference and Program Chair:
Univ.Prof. Dipl.-Ing. Dr.-Ing. Christian BAUER
Dipl.-Ing. Dr. Eduard DOUJAK

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TECHNISCHE
UNIVERSITÄT
WIEN

21st International Conference on Hydropower Plants „Hydropower - Quo vadis?“

11-13 November 2020 | Vienna, Austria



First Announcement and
Call for Papers

<http://www.viennahydro.com>

OBJECTIVES

Hydropower has been an important component of clean and emission-free electricity production for decades. In many European countries it provides the largest share of renewable electricity and is therefore considered a mature technology. However, the role of hydropower will change in the future as more challenges arise from the increased use of new energy sources. Nevertheless, it has the unique ability and potential to become an important player in energy supply, storage and regulation of the clean energy transition process. Grid operators, in particular, like to rely on the flexibility of storage power plants to stabilize the system. In order to best fulfil this new role as a system enabler, the existing technology has to be re-developed for the future.

Hydropower - quo vadis? (Hydropower, where are you going?), the theme of the event, colloquially reflects the millennia-old question of unsureness. Many enthusiasts of the industry probably ask themselves: „Where is this going to end?“ or „How is this going to continue?“.

The future will be in research and innovation, and it is precisely this exciting question that we want to address in the coming event with a wide variety of topics. Well-established industry experts will have their voice heard, as will young, up-and-coming rookies who will shape the future of hydropower. Only a comprehensive exchange of ideas guarantees the best answer to this exciting question.

TOPICS

- INNOVATION, TRENDS AND FUTURE TECHNOLOGIES
- FLEXIBILISATION AND SMART GRIDS
- DIGITALISATION ON MACHINE AND SYSTEM-LEVEL - TECHNOLOGICAL ASPECTS
- PUMPED AND ENERGY STORAGE
- PHYSICAL MODELLING AND NUMERICAL SIMULATIONS
- EXPERIMENTAL INVESTIGATIONS ON MODELS AND PROTOTYPES
- SEDIMENTATION AND TURBINE EROSION
- HYDRAULIC SYSTEMS AND TRANSIENT BEHAVIOUR
- OPERATION AND MAINTENANCE
- REHABILITATION AND MODERNISATION
- SMALL HYDRO
- PUMPS
- DESIGN RULES, STANDARDISATION and LEGAL ASPECTS
- SUSTAINABILITY and ENVIRONMENTAL IMPACT

For more details please visit www.viennahydro.com

VENUE AND PROGRAM

CONFERENCE VENUE

The conference venue will be near the city of Vienna at the Conference Center of Laxenburg (Schlossplatz 1, A-2361 Laxenburg).

The scientific program will consist of invited keynote lectures, plenary lectures .

EXHIBITION

An accompanying exhibition will be integrated part of the conference and is located close to the conference hall.

MORE INFORMATION

Further information on the conference (news, actual program, evening receptions, conference fees, online-registration, exhibition, hotel reservation) will appear on the conference website.

Please let us know your interest in this conference and return the reply form. We will keep you informed by email. If you cannot attend the conference please pass this leaflet along to a colleague.

CONTACT

For any question please contact:
TU Wien

Institute of Energy Systems and Thermodynamics
RU Fluid-Flow Machinery
Getreidemarkt 9/302
A-1060 Vienna, Austria
T +43-1-58801-302400
F +43-1-58801-302399
office@viennahydro.com
www.viennahydro.com

