

# 11<sup>th</sup> Eastern European Young Water Professionals Conference



## Call for Papers

Water for All - Water for Nature,  
Reliable Water Supply, Wastewater Treatment  
and Reuse

1-5 October 2019, Prague, Czech Republic  
<http://iwa-ywp.eu/>



Organised by:



Organised under the auspices of:



Co-organised by:



Budapest University of  
Technology and Economics



Wrocław University of  
Science and Technology



Charles University

Czech University of  
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Water Supply and Sewerage  
Association

More information:



Dear colleagues - young professionals of the water sector,

**In 2019 we organise our 11th Eastern European IWA YWP Conference for Young Water Professionals, this conference will take place in a Europe's most romantic city - Prague!**

For this conference, with a title Water for All - Water for Nature, Reliable Water Supply, Wastewater Treatment and Reuse we have prepared [following program](#):

- We will start with several practical workshops, preliminary topics: modelling course, new measurements techniques and instruments for monitoring of WWTP, new process solutions and calculations, but also workshops to improve your soft skills: how to publish, how to apply, how to present. This practical part will take 2 days (1-2 October 2019), you will have an opportunity to select and apply for one or several workshops. You will receive an IWA advanced training certificate. We hope that more YWPs from utilities will be attracted by this special practical training session of the event.
- Two following days (3-4 October 2019) will be dedicated to scientific presentations. This part of the conference will take place in Masarykova Kolej Conference Center. Also this year we would like to give more opportunities for YWPs who would like to prepare an oral presentations. So we follow the concept: two parallel sessions will run at the same time, one focusing on water management, another on water treatment technologies; however coffee breaks and lunch will take place in one common area to support networking between YWPs. Moreover, there will be long and short type of presentation: 10 minutes for a standard presentation and 3 minutes for a short presentation, this presentation can be completed by a poster (not must). We believe that in this way we help YWPs successfully apply for financial support, as for most of the countries a poster presentation is not sufficient reason to travel abroad.
- University Challenge - learning in competition (NEW in 2019)
- An extended social program which will take part during the conference days: dinners, meetings, technical and cultural tours and more!

#### [Moreover in 2019:](#)

- The extended abstracts will be included into the Book of Extended Abstracts with an ISBN
- The full publications will be included into the IWA Conference Proceedings
- The selected papers might be published in the Journals of IWA with high ISI index (Water Research ISI 5.323, Water Science and Technology ISI 1.106, Journal of Water Supply: Research & Technology - Aqua ISI 0.843, Water Science & Technology: Water Supply ISI 0.394, more info on the IWA website)

Find more info on our website <http://iwa-ywp.eu/>

The Organising Committee will help you to obtain a visa if it will be needed. As during the last years, we have a reduced registration fee for the young water professionals coming from low-income countries; additional reduction is foreseen for IWA members. Several workshops will be free of charge.



Dr. Maryna Feierabend  
IWA Fellow  
Chair - Organising Committee

“During the last 10 years we became a little IWA family...”, this comment I have heard so many times during our last conferences. And I would like to invite You to be part of it! Use this chance to join our international network of young water professionals.

Hope to see you soon in Prague!

Dear YWP Friends,

The 11th IWA Eastern European Young Water Professionals Conference in 2019 will be held in the Czech Republic in its capital city Prague. The motto of our conference reflects the importance of water in our country and in the whole region of central and eastern Europe. Therefore the care about water has a long tradition in this country. The first Czech Water Act was issued by local parliament in 1870. The beginning of the 20th century was the period on intense construction of dams in Czech border mountains with the aim to secure enough water for growing population and industry and to control floods. Prague was one of the first towns in this region which was equipped with wastewater treatment plant commissioned in 1906. In 1910 the first trickling filter in central Europe was installed in Czech spa town Jáchymov. After the 2nd World War the construction of large dams culminated, for example, in 1975 the construction of Želivka dam and water work was finished which is still one of the biggest sources of drinking water in the region with capacity of 7 m<sup>3</sup>/s. The activated sludge process was applied already in the 1930s. The progress in activated sludge research has been connected since the 1960s with our university and many priority research papers can be found in IWA journals. Our university was also the birth place of IWA Specialist Group on Activated Sludge Population Dynamics in 1988 (the group is today known as Microbial Ecology and Water Engineering). The Czech Republic was one of the founding country members of IWA in 1965, the Czech experts are active in three EU commissions on protection of international rivers (the Elbe, The Oder and the Danube). Therefore the Czech Republic is proud to be a host of the 2019 IWA YWP conference and to welcome in its capital city Prague the young water experts who will come with a lot of new and intriguing ideas.



**Prof. Ing. Jiří Wanner, DrSc.**  
**IWA Distinguished Fellow**  
**University of Chemistry and Technology Prague**

Dear young water professionals,

It is my honor to invite you to the 11th IWA Eastern European Young Water Professionals Conference, which is going to take place in the capital of the Czech Republic, Prague. It will be my pleasure to welcome here colleagues and friends I met in previous years of this conference as well as I will enjoy meeting the new ones.

Nowadays, the value of water is well known not only by water professionals, but also by general public. And I do not mean the fact that water is very often more expensive than beer in Czech restaurants. The drought slowly begins to bother our country. The Czech Republic due to its location is not only the heart of Europe, but also the roof of Europe. All our rivers flow out from the country. Therefore, we have to protect this water and after usage we have to treat it enough that it can also be enjoyed by surrounding countries.

Czech inhabitants are proud to be called as a bridge between east and west. From the previous conferences I know no more bridge is needed. Participants are coming not only from eastern Europe, but from all over the world. I wish the same to happen also next year. Water is a topic for all and water as a resource should be for all.

See you in Prague!

Iva Johanidesova  
University of Chemistry and Technology Prague  
Co-Chair - Organising Committee

## Main topics of the conference

- Tendencies in water and wastewater qualities
- Innovative sampling and monitoring strategies
- New technologies in water/wastewater treatment
- Overcoming inappropriate influent C:N:P ratios through cost-effective wastewater treatment technologies
- Adaptation specialties of technologies successfully applied in other regions
- Specialties of industrial wastewater treatment
- Mathematical modeling, simulation studies
- Issues and challenges in water loss management
- Energy efficiency
- Impacts of climate change
- Lake ecosystems
- Flood hazard and risk
- Other water related topics

## Important Information

### Participants

Young Water Professionals (< 35 years old)

### Duration of the conference

1-2 October 2019 - Workshops

3-4 October 2019 - Conference Sessions

5 October 2019 - Technical tour and city tour

### Location

Masarykova Kolej, Prague, Czech Republic

### Registration fee

Participants from low-income countries:

IWA members - 120 Euro

Non IWA members - 150 Euro

Participants from high-income countries:

IWA members - 220 Euro

Non IWA members - 270 Euro

Please find the file with a list of high- and low-income countries on our website. Registration fee includes participation in the conference sessions, conference proceedings, coffee-breaks and lunch. And it does not include additional workshops, dinners, tours,

## Key Dates

**1<sup>st</sup> January 2019 - Call for Papers opens**

**1<sup>st</sup> May 2019 - Deadline of abstracts submission**

**1<sup>st</sup> May 2019 - Registration opens**

**1<sup>st</sup> June 2019 - Notification of acceptance**

**1<sup>st</sup> August 2019 - Deadline of full papers submission**

**1<sup>st</sup> September 2019 - Registration closes**

## Procedure for Submission

Several types of participation will be possible:

1. Platform presentation
2. Short platform presentation + poster
3. Without presentation (audience)
4. Publishing of papers without presence at the conference

Extended abstracts of papers should be written in English, and prepared according to the template, please find on our website <http://iwa-ywp.eu/>

Extended abstracts should be submitted using our website <http://iwa-ywp.eu/> : Abstracts Submission

Submissions are welcome from **1<sup>st</sup> January 2019** and must be received before **1<sup>st</sup> May 2019**.

On the basis of the submitted extended abstracts, a review will be undertaken to select the best papers for oral presentation or poster presentation. Notification of acceptance will be sent before **1<sup>st</sup> June 2019**.

All selected extended abstracts will be published in the proceedings with an ISBN (which allows you to gain points).

If your extended abstract was selected you can also prepare an 8-page full paper which will be included to the conference proceedings and send to IWA publishing office. The full paper must be submitted using website <http://iwa-ywp.eu/> : Full Papers Submission

For the guidelines on formatting the abstracts and the full papers and other information about this conference refer to our website <http://iwa-ywp.eu/>

Deadline for submission of full manuscripts is **1<sup>st</sup> August 2019**.

At least one author of each selected paper must register. Authors must bear their own costs (registration fee, travel, accommodation, etc.) to attend this conference.

The papers will be additionally reviewed by IWA and published in the journals: Water Science and Technology and Water Science and Technology: Water Supply, and other.

### Invitation (invitation for EU VISA)

Personal invitation will be provided on request by the chair of the Organising Committee - Maryna Feierabend: [iwa.ywp.2019@gmail.com](mailto:iwa.ywp.2019@gmail.com)

# Preliminary Conference Program

1-2 OCTOBER 2019

**10:00 - 17:00 WORKSHOPS**

We will start with several practical workshops, some of topics: modeling course, new measurements techniques and instruments for monitoring of WWTP, new process solutions and calculations, but also workshops to improve your soft skills: how to publish, how to present.

**18:00 - 20:00 PRELIMINARY REGISTRATION & WELCOME SESSION / DRINK**

**20:00 - 22:00 TOUR TO THE OLD CITY OF PRAGUE WITH LOCAL YWP**



3-4 OCTOBER 2019

**8:00 – 9:30 REGISTRATION OF PARTICIPANTS, CONFERENCE OPENING**

**9:30 – 10:00 PRESENTATIONS OF SPONSORS**

**10:00 – 17:00 2 PARALLEL SESSIONS WITH PRESENTATIONS**

**17:00 – 18:00 DISCUSSION BETWEEN YOUNG AND SENIOR WATER PROFESSIONALS**

**19:00 – 23:00 GALA DINNER**

These 2 days will be dedicated to scientific presentations. Also in 2019 we would like to give more opportunities for YWPs who would like to prepare an oral presentations. So we will organise: two parallel sessions which will run at the same time. Moreover there will be long and short type of presentation: 10 minutes for a standard presentation



5 OCTOBER 2019

**9:00 – 12:00 TECHNICAL TOUR**

**13:00 - 16:00 CITY TOUR**

The social program which will take part during the conference days (dinners, meetings, etc.) will be finalised by a



## Organising Committee

**Chair:** Dr. Feierabend M. (IWA YWP, Germany)

**Co-Chair:** Johanidesova I. (University of Chemistry and Technology, Czech Republic)

### Committee members:

Dr. Lavrnić S. (University of Bologna, Italy/Serbia)

Ibrahimllari A. (IWA YWP Program, Albania)

Dr. Schilling K. (IAWD – Danube Water Program, Austria)

Sebestyén É. (UTB Envirotec Ltd., Hungary)

Dr. Djogo M. (University of Novi Sad, Serbia)

Dejus S. (Riga Technical University, Latvia)

Danilycheva M. (Moscow State University of Civil Engineering, Russia)

Ciepliński J. (Cracow University of Technology, Poland)

Proft R. (WTE, Germany)

Dr. Nuić I. (University of Split, Faculty of Chemistry and Technology, Croatia)

Odud L. (National University of Water and Environmental engineering, Ukraine)

Mohseni E. (Technical University of Drezden, Germany)

Filipic A. (National Institute of Biology, Slovenia)

Ikizoglu Z. R. (Tübitak Marmara Research Center, Turkey)

Čiháková P. (University of Chemistry and Technology, Czech Republic)

Harciník F. (Severočeské vodovody a kanalizace, a.s., Czech Republic)

Kelbich P. (Pražské vodovody a kanalizace, a.s., Czech Republic)

Sochor J. (Gymnázium Blovice, Czech Republic)

Soukupová K. (Czech Technical University in Prague, Czech Republic)

## Programme Committee

**Chair:** Prof. Wanner J. (University of Chemistry and Technology, Czech Republic)

**Co-Chair:** Prof. Jobbágy A. (Budapest University of Technology & Economic, Hungary)

### Committee members:

Mr. Förster G. (BESINO Environment Ltd., China)

Prof. Krampe J. (TU Vienna, Austria)

Dr. Hübner U. (TU Munich, Germany)

Dr. Vasyukova E. (WTE, Germany)

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People for Process Automation

## 10th Eastern European IWA YWP in Zagreb, Croatia - May 2018



YOUNG WATER PROFESSIONALS



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