

EWA Innovation Workshop

Design of Modern Wastewater Treatment Plants

25 – 26 April 2019, Prague (Czech Republic)



Image Source: PVS - Pražská vodohospodářská společnost a.s.



Image Source: WTE Wassertechnik GmbH

Introduction

Dear Colleagues,

It is my great pleasure to invite you to participate in this new type of EWA workshops which will be organized with different topics and in different EWA member countries. The workshops will be usually held back-to-back with other EWA activities like the Executive Directors meeting in our case. The April 2019 workshop will be devoted to modern wastewater treatment plants. That's also why EWA chose Prague as the venue of the workshop because the City of Prague started in September 2018 a trial operation of new "water line" of the Central Wastewater Treatment Plant. This new line is exploiting several processes and operations which are still not common in large wastewater treatment plants, e.g., chemically enhanced primary treatment, cascade D-N activated sludge process with in-situ bioaugmentation of nitrification bacteria or tertiary phosphorus precipitation. The design and construction of the plant had to deal with the requirement of the city to protect the new plant from floods comparable to the historical disastrous flood in 2002. This new facility will help the city to meet the effluent limits according to the 91/271/EEC directive one side and on the other side will enable the reconstruction and upgrade of the existing Central Wastewater Treatment Plant built in the 1960s.

Besides listening to the lectures on the Prague project and on newest trends and challenges in wastewater treatment plant design the workshop participants will have the chance to see the technology of the New Water Line completely hidden in a concrete containment.



Jiri Wanner
International Cooperations, CzWA

Program, Thursday, 25th April 2019

- 16.30 Presentation of the Czech Water Association and the current situation in wastewater treatment in the Czech Republic
Jiří Wanner, UCT Prague, CZ
- 17.30 transportation to the historical city centre by underground
- 18.00 guided walk through the Old Town of Prague and dinner
(self-paying arrangement)

Friday, 26th April 2019

- 9.00 workshop
- 13.00 Design of Large Wastewater Treatment Plants
Dr.-Ing. Inka Hobus, Wuppertalgesellschaft für integrale Wasserwirtschaft mbH
- Objectives of the Complete Reconstruction and Extension of Central WWTP in Prague
Miroslav Kos, SMP Prague, CZ
- Specific highlights of the construction of the New WWTP Prague: organization, financing, construction supervision
Jakub Kovařík and Jiří Rosický, PVS Prague and Jiří Bažata, SMP Prague, CZ
- 10.30 Coffee/tea Break
- Role of mathematical modeling in the design of large WWTPs
Libor Novák, aqua4you, Ústí nad Labem, CZ
- Activated sludge process used in the New WWTP Prague
Jiří Wanner, UCT Prague, CZ
- Emerging Contaminants as New Challenges
Ass. Prof. Dr. Norbert Kreuzinger, TU Vienna, AUT
- 12.30 Lunch buffet
- 13.00 Bus transfer to Prague Central WWTP
- 13.30 Technical excursion
- 16.00 Bus transfer to the nearest underground station „Dejvická“

Social Programme:

- 17:00 Visit Strahov Library
- 19:00 Dinner

In cooperation with the
University of Chemistry and Technology Prague (UCT)



EWA sponsor member:



Cancellation Policy (Please read carefully):

Participation fee (minus 25% administration fee) will only be reimbursed if the participant announces this in writing and the cancellation. In all other cases – including non-appearance at the conference – the full participation fee has to be paid. After informing the office, a substitute can be sent.

By registering to the conference the delegate has acknowledged and agreed to the above mentioned cancellation policy.

Conference venue

UCT Prague
building A, 1st floor, Room No. 181
Technická street No. 5
Praha 6

For more information on hotels in the area, please contact the EWA Secretariat.

Fax: +49 2242 872-135

E-Mail: lorvik@ewa-online.eu

* **Registration Fee** (Please note that the prices exclude VAT as the EWA is exempt from paying VAT!)

(The registration fee includes your participation at the conference or/and seminar including coffee and lunch breaks, conference and seminar materials)

I want to register for

Workshop
250 EUR

Workshop + Social Programme
330 EUR

Name, First Name

Company

Address

E-Mail

Phone, Fax

Date and Signature

European Water Association
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