

I herewith register for the dex summer school
from 29th June to 03rd July, 2026
in Hof Bavaria This registration is binding.

Title or function

First and family name, company, address

Country/ postcode/ city

E-mail/ mobile phone

The total amount of EUR 600 - (no VAT) will be
transferred to the bank account HVB (Germany):
Deutscher Expertenrat e.V.
BIC HYVEDEMMXXX
IBAN DE65 7002 0270 0045 5564 76

Please indicate your name and the reference
„dex summer school” on your transfer order.

Place/ date/ signature

Please send your registration form via
e-mail to info@expertenrat.org

**Registrations are limited to 25 participants and will be
accepted until 27th May 2026. First come first served**

Sponsors of DEX Summer School

Main Sponsors



Bayerisches Landesamt
für Umwelt

Evening Sponsors



12th dex summer school 2026 Hof / Germany
www.expertenrat.org

Advanced course on

Urban Wastewater Treatment under the New EU Directive

****Primary Goal of the DEX Summer School (2026):****
29th June to 03rd July, 2026

The DEX Summer School 2026 primarily aims to support knowledge surrounding the newly ratified EU- Urban Waste Water Directive (UWWD) from November 5, 2024. This program equips participants with the advanced knowledge and practical skills needed to comply with this directive, promoting effective water quality management across Europe.

****Goals and Structure:****

The summer school focuses on sharing advanced methodologies and recent research for water quality management in line with European water legislation, especially the Water Framework Directive. By creating a common professional language, it enhances international networking among young water professionals and strengthens collaborative teamwork across disciplines.

****Approach:****

Since 2009, the DEX Summer School has gathered over 200 young water professionals from 15 countries, maintaining a curriculum of core lectures enriched with emerging topics. The 2026 program includes renowned academics with both scientific and practical expertise, providing an unparalleled educational experience.

****Course Content:****

Topics include, Advanced scientific background, Latest technologies for water and wastewater management, Practical aspects of sewer systems, wastewater treatment, sludge processing, and energy management

****Participants:****

Geared toward post-graduate students and young professionals in engineering and related fields, the program emphasizes participation from the new EU member states and from all over the world, helping develop a skilled, globally connected workforce.



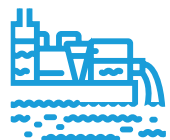
Sunday, 28 June 2026 (Ratsstubn)

17:00 Arrival at accommodation in Hof

19:00 – 22:00 Dinner with dex professors and experts group water and energy

Staging Dinner: Ratsstuben

DAY 1: Monday, 29 June 2026 (Location: LfU Hof – Hans Högen Str. Hof)



Legal requirements and basic principles of wastewater and stormwater management



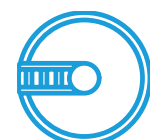
- 08:30 – 09:00 Introduction & presentation Summer School participants
Prof. Dr.-Ing. F.W. Günthert, Uni Bw München (DE)
- 09:00 – 09:30 Introduction
Ralph Neumeier Vice President Bavarian environment Agency
- 09:30 – 12:00 The new EU Urban Wastewater Treatment Directive (UWWTD) and basic design principles for wastewater treatment
Prof. Dr.-Ing. Norbert Jardin
- 13:00-14:30 Digital Water Management – Internal information systems and web offers for information of the public.
Dirk Seifert Bavarian environment Agency
- 14:30 – 16:30 Integrated urban drainage and stormwater management

Evening Event No 1 (Untreusee – Restaurant „Die Wertschaft“)

DAY 2: Tuesday, 30 June 2026 (Location: WILO SE)



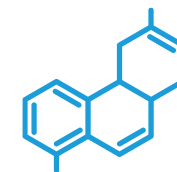
Wastewater treatment technologies



- 08:30 – 09:30 Introduction
Thomas Lang Vice President WILO SE
- 09:30 – 11:00 **Group 1 factory tour WILO**
- 11:00 – 12:30 **Group 2 Training center WILO Academy**
- 13:00- 14:00 **SETTING THE SCENE – WWTP Basics – Alex Weideler**
- 14:00 – 15:30 Primary and secondary settling tanks – design, operation and modelling
Univ-Doz. Dr. Miklós Patziger Budapest University of Technology and Economics (HUN)
- 15:30 – 17:30 Anaerobic wastewater and process water treatment
Prof. Dr.-Ing. K.-H. Rosenwinkel, Leibnitz Uni Hannover (DE)

Barbecue at WILO factory

DAY 3: Wednesday, 01 July 2026



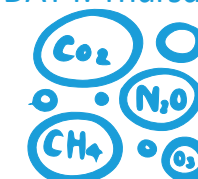
Anaerobic Wastewater und Sludge management



- 08:00 – 10:00 **Group 1 / 2– WWTP Tour**
- 10:00 – 12:00 **Group 2 / 1 – Laboratory Work**
Laboratory work – sludge parameters, biosensors & microscopical analyses
Prof. Dr.-Ing. R. Hilliges, HS Augsburg, PD Dr. M. Seidel, TU München
- 13:30 – 15:30 Aerobic wastewater treatment – activated sludge, granular sludge and biofilm systems Prof. Dr.-Ing. M. Wichern, Ruhr-Uni Bochum (DE)
- 15:30 – 17:30 Sludge management
Prof. Dr.-Ing. N. Dichtl, TU Braunschweig (DE)

UNITECHNICS Evening: with Bavarian Specialties incl brewery visit

DAY4: Thursday, 02 July 2026 (WILO SE)



Enhanced wastewater treatment, resource recovery and optimization (Energy, GHG emissions...)



- 08:00 – 10:00 Phosphorous recovery
Prof. Dr.-Ing. A. Weideler, TH Nürnberg Georg Simon Ohm (DE)
- 10:30 – 12:30 Advanced Water Treatment und ReuseEnhanced nutrient and micropollutant removal
Prof. Dr.-Ing. M. Barjenbruch, TU Berlin (DE)
- 13:30 – 15:30 Optimizing energy efficiency and GHG emissions of WWTPs
Prof. Dr.-Ing. J. Krampe, TU Wien (AT)

WTE Evening DEX Summer school host 2027) : Afternoon excursion: Cultural Evening (bike tour with water 1. Hochwasserschutz Saale 2. Ökologischen Gewässerausbau 3. Hochwasserschöpferwerk – Biketour along the water cycle) Häusla Hallerstein (19:00)



Alternative wastewater treatment concepts and global perspective



DAY 5: Friday, 03 July 2026 (Location WILO SE)

- 08:30 – 11:00 “ Resource oriented sanitation”
Prof. Dr.-Ing. Silvio Beier, Dr. Andrea Lück, Bauhaus-Universität Weimar
- 11:00 – 13:00 Urban Water Management – global aspects
Prof. Dr. techn. H. Kroiss, TU Wien (AT)
- 13:00 – 13:30 Closing ceremony

