

## I herewith register for the dex summer school

from 30<sup>th</sup> June to 5<sup>th</sup> July 2019 in Rottenbach  
This registration is binding.

Title or function

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First and family name, company, address

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Country/ postcode/ city

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E-mail/ mobile phone

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The total amount of EUR 390.- (no VAT) will be transferred to the bank account  
BIC COBADEFFXXX  
IBAN DE91700400410333438000

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

Place/ date/ signature

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Please send your registration form either  
by fax to **+49-8092-854579** or by  
e-mail to **info@expertenrat.org**

**Registrations will be accepted until 31<sup>st</sup> May 2019**

### Registration

Please register until 31<sup>st</sup> May 2019  
(by fax or e-mail), using the attached form.

### Costs

Total costs for fee and accommodation are € 390.-  
The fee includes full board, the bus transfer to the accommodation and excursions.

Accommodation in double bedrooms  
from 30<sup>th</sup> June to 5<sup>th</sup> July 2019.  
Single bedrooms are available at additional costs.

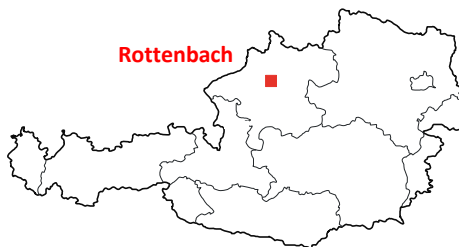
Confirmation of registration will be sent after  
payment of € 390.- has been received.

### Bank account

Commerzbank (Germany):  
dex  
BIC COBADEFFXXX  
IBAN DE91 7004 0041 0333 4380 00

### Venue

VTA Austria GmbH  
Umweltpark 1  
A-4681 Rottenbach / OÖ  
Austria



## 10<sup>th</sup> dex summer school

[www.expertenrat.org](http://www.expertenrat.org)

30<sup>th</sup> June to 5<sup>th</sup> July, 2019

## Water Quality Management

Prof. Dr.-Ing. N. Dichtl  
Prof. Dr. Th. Ertl  
Prof. Dr.-Ing. F.-B. Frechen  
Prof. Dr.-Ing. F.W. Günthert  
Prof. Dr.-Ing. N. Jardin  
Prof. Dr.-Ing. J. Krampe  
Prof. Dr. techn. H. Kroiss  
Prof. Dr. techn. N. Matsché  
Prof. Dr.-Ing. K.-H. Rosenwinkel  
Prof. Dr.-Ing. M. Wichern

### Venue

VTA Austria GmbH  
Umweltpark 1  
4681 Rottenbach, Austria

### Organiser

Deutscher Expertenrat (dex)  
[www.expertenrat.org](http://www.expertenrat.org)  
German Experts  
Association for  
Environmental Technology  
and Infrastructure



## Goals of dex summer school

Transfer of scientific background, advanced knowledge and actual experience on methodologies and technologies for water quality management as it is required to implement European water legislation (Water Framework Directive), supported by new scientific research results. Progress in this transdisciplinary field of expertise relies on a common professional language which will promote international networking of (young) water professionals and enhance teamwork.

## 2019

The dex summer school started in 2009 and was successfully continued since then with more than 200 young water professionals from 15 countries. The 2019 program follows the strategy of maintaining basic lectures enriched with new topics of interest. All teachers are internationally well recognised academics with long term scientific and practical experience in the field of their lectures and beyond: A unique opportunity.

The content of the course includes: advanced scientific background, state-of-the-art technology, experiences and practical aspects for the design and operation of sewer systems, wastewater treatment plants, sludge treatment and energy management.

## Participants

Post-graduate and doctoral students (civil/environmental engineering or related), young water professionals from consulting companies, utilities and equipment suppliers from all over the world. Special emphasis on young professionals from the new EU member states and accession countries in Eastern Europe.

# 10<sup>th</sup> dex summer school 2019, Rottenbach / Austria

## Advanced course on water quality management

### Sunday, 30 June 2019

**17:00** Arrival at accommodation in Geboltskirchen

**19:00 – 22:00** Dinner with dex professors

### Monday, 01 July 2019

**8:30 – 09:00** Introduction

*Prof. Dr.-Ing. F.W. Günthert, Uni Bw München (DE)*

**9:00 – 12:00** Planning and Construction of waste water treatment systems

*Prof. Dr.-Ing. N. Jardin, Ruhrverband (DE)*

**13:00 – 13:30** Introduction

*Dr.hc. U. Kubinger, VTA (AT)*

**13:30 – 17:30** Sewerage Master Plan

*Prof. Dr. Th. Ertl, BoKu Wien (AT)*

### Barbecue evening

### Tuesday, 02 July 2019

**8:30 – 12:00** Laboratory work – sludge parameters and microscopical analyses

*Prof. Dr. techn. N. Matsché, TU Wien (AT)*

*Dr. A. Fleischhacker, VTA (AT)*

**13:00 – 15:00** Primary and secondary settling tanks and sludge mass balance

*Prof. Dr. Ing. F. W. Günthert, Uni-Bw München (DE)*

**15:00 – 17:00** Activated sludge process design

*Prof. Dr.-Ing. J. Krampe, TU Wien (AT)*

*Get together with Austrian specialities*

### Wednesday, 03 July 2019

**8:30 – 12:00** Anaerobic waste- and process water treatment

*Prof. Dr.-Ing. K.-H. Rosenwinkel, Leibniz Uni Hannover (DE)*

**13:00 – 15:30** Sludge treatment and disposal

*Prof. Dr.-Ing. N. Dichtl, TU Braunschweig (DE)*

### Professional excursion to WWTPs

### Thursday, 04 July 2019

**8:30 – 12:00** Design and dynamic simulation of activated sludge plants for non-European climatic conditions

*Prof. Dr.-Ing. M. Wichern, Ruhr-Uni Bochum (DE)*

**13:00 – 16:00** Membrane technology

*Prof. Dr.-Ing. F.-B. Frechen, Uni-Kassel (DE)*

### Afternoon excursion: Cultural Linz

### Friday, 05 July 2019

**8:30 – 11:00** Energy considerations for WWTPs

*Prof. Dr.-Ing. J. Krampe, TU Wien (AT)*

**11:00 – 13:00** Urban water management – global aspects

*Prof. Dr. techn. H. Kroiss, TU Wien (AT)*

**13:00 – 13:30** Closing ceremony

