

I herewith register for the
dex summer school

from 1st July to 6th July 2018 in Rottenbach
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 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

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 25th May 2018

Registration

Please register until 25th May 2018
(by fax or e-mail), using the attached form.

Costs

Fee and accommodation € 390.- The fee includes full board, the bus transfer to the accommodation and excursions.

Accommodation in double bedrooms
from 1st July to 6th July 2018.
Single bed rooms 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



9th dex summer school

www.expertenrat.org

1st July to 6th July, 2018

Water Quality Management

Prof. Dr.-Ing. N. Dichtl
Prof. Dr.-Ing. habil. H. Eckstädt
Prof. Dr. Th. Ertl
Prof. Dr.-Ing. F.-B. Frechen
Prof. Dr.-Ing. F.W. Günthert
Prof. Dr.-Ing. N. Jardin
Prof. Dr. techn. H. Kainz
Prof. Dr.-Ing. J. Krampe
Prof. Dr. techn. H. Kroiss
Prof. Dr. techn. N. Matsché

Venue:
VTA Austria GmbH
Umweltpark 1
4681 Rottenbach, Austria

Organiser:
Deutscher Expertenrat (dex)
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.

2018

dex summer school started in 2009 and was successfully continued since then with more than 170 young water professionals from 12 countries. The 2018 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 Europe. Special emphasis on young professionals from the new EU member states and accession countries in Eastern Europe.

9th dex summer school 2018, Rottenbach / Austria

Advanced course on water quality management

Sunday, 01 July 2018

17:00 Arrival at accommodation in Geboltskirchen

19:00 – 22:00 Dinner with dex professors

Monday, 02 July 2018

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 Laboratory work – sludge parameters and microscopical analyses

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

Dr. A. Fleischhacker and C. Grechhamer, BSc, VTA (AT)

Barbecue evening

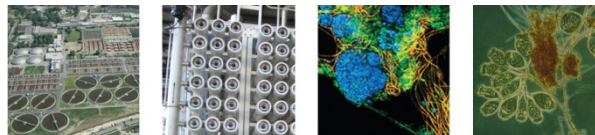
Tuesday, 03 July 2018

8:30 – 12:00 Activated sludge process, design, nitri-, deni, phosphorus removal

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

13:00 – 17:30 Sewerage Master Plan

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



Wednesday, 04 July 2018

8:30 – 10:30 Industrial wastewater
Prof. Dr. techn. H. Kroiss, TU Wien (AT)

10:30 – 12:00 Anaerobic waste- and process water treatment
Prof. Dr. techn. H. Kroiss, TU Wien (AT)

13.00 – 16.00 Operation of WWTPs
Prof. Dr. techn. H. Kainz, TU Graz (AT)

Professional excursion to WWTPs

Thursday, 05 July 2018

8:30 – 11:00 Waste water treatment and reuse in rural areas
Prof. Dr.-Ing. habil. H. Eckstädt, Uni Rostock (DE)

11:00 – 13:00 Membrane technology
Prof. Dr.-Ing. F.-B. Frechen, Uni-Kassel (DE)

14:00 – 16:00 Sludge treatment and disposal
Prof. Dr.-Ing. N. Dichtl, TU Braunschweig (DE)

Afternoon excursion: Cultural Linz

Friday, 06 July 2018

8:30 – 11:00 Secondary settling tank and sludge mass balance
Prof. Dr. Ing. F. W. Günthert, Uni-Bw München (DE)

11:00 – 13:00 Energy consumption and energy production on WWTPs
Prof. Dr.-Ing. J. Krampe, TU Wien (AT)

13:00 – 13:30 Closing ceremony