

# 1993 - 2023



- ▶ Helmut Uhrig Straßen- und Tiefbau was founded 60 years ago ...
- ▶ 30 years ago our first Quick-Lock sleeve was installed ...

# INFORMAL

## REGISTRATION

Online at [www.rausch.international/Symposium](http://www.rausch.international/Symposium), by e-mail [info@rauschtv.com](mailto:info@rauschtv.com), post or fax +49 898 777 with your completed registration form. With the registration, the participant accepts the Conditions of Participation 2023 and the Data Privacy Information (to be found on our HP). As a **binding confirmation of registration** you will receive your **ticket** by post or digitally by e-mail. A map showing how to get to the venue will also be enclosed. You will receive more information with the registration confirmation. The seminar documents will be handed out at the event.

## PARTICIPATION FEE

**Symposium for waste water technologies:** €195 per person (excl. VAT.)  
The evening event 40 Years of Rausch as well as the trade exhibitions, drinks, snacks, lunch and seminar documents are included in the participation fee.

**Evening event 40 Years of Rausch:** €95 per person (excl. VAT.)

## HOTEL LIST - ROOM RESERVATION

Please book your room directly with the respective hotel in good time. We have reserved room allotments at a preferential rate in some hotels (subject to availability). A **hotel list** with allocations and contact details can be found online at [www.rausch.international/Symposium](http://www.rausch.international/Symposium) or we will be pleased to send them by e-mail.

## EVENT LOCATIONS

**Symposium for waste water technologies:** Festival hall, Schulstraße 4, 88138 Weißenberg  
**Trade exhibition:** Company premises of Rausch GmbH, Bruehlmoosweg 40, 88138 Weißenberg  
**Evening event 40 Years of Rausch:** MS Graf Zeppelin ship, Lindau harbour entrance  
A shuttle service will be provided between venues.

## CELEBRATE WITH US!

- 40 years full of enthusiasm and passion
- progress and innovation culture
- numerous developments and inventions
- state-of-the-art technology
- all the challenges we have overcome
- unrelenting commitment for the future
- our joint work for environmental protection
- your and our employees
- thousands of kilometres of sewers we have maintained
- our common path and the future.



# SUNDOWNER

Join us on board and raise a toast! We warmly invite you to celebrate 40 Years of Rausch with us. 40 years in which we have revolutionised developments in sewer inspection and restoration and set new standards together with you. Together, we are the best in the industry. Globally.

After the positive boost by our symposium for sewer technologies with knowledge, our anniversary cannot pass by without big celebrations. Join us on board the MS Graf Zeppelin and sail out onto the evening waters of Lake Constance, heading towards the sunset - into a bright future, so to speak. Progress is being made. Enjoy relaxed conversations, a nice meal and an unforgettable experience. We look forward to seeing you.

# REGISTRATION

Online at [www.rausch.international/Symposium](http://www.rausch.international/Symposium), by e-mail [info@rauschtv.com](mailto:info@rauschtv.com), post or fax +49 898 777 with your completed registration form.



Scan for more information and registration!

Please mark as appropriate:

- Symposium for waste water technologies**, THURS/FRI 14.-15.9.2023, €195 per person (excl. VAT) evening event 40 Years of Rausch, sundowner boat trip incl.
- Evening event 40 Years of Rausch, sundowner boat trip**, THURS 14.09.2023, € 95 per person (excl. VAT), with paid participation in the symposium incl.

## BINDING REGISTRATION OF THE FOLLOWING PARTICIPANTS:

**1. Participant:** \_\_\_\_\_ Title, first name and surname

**Additional participants:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Telephone:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_  
With the registration, the participant accepts the Conditions of Participation 2023 and the Data Privacy Information (to be found on our HP) of the organiser.

Please book your desired room directly with the respective hotel in good time.

A **hotel list** with allocations and contact details can be found online at [www.rausch.international/Symposium](http://www.rausch.international/Symposium) or we will be pleased to send them by e-mail.

## ORGANISER:

**Rausch International Group GmbH**  
Bruehlmoosweg 40  
88138 Weissensberg  
Tel. +49 8389 898 - 0  
[www.rausch.international](http://www.rausch.international)

## EVENT LOCATIONS:

**Rausch GmbH**  
Bruehlmoosweg 40, 88138 Weißenberg  
**Weißenberg festival hall**  
Schulstraße 4, 88138 Weißenberg  
**MS Graf Zeppelin**, Lindau harbour

**RAUSCH  
INTERNATIONAL  
GROUP**

14.-15.9.2023  
**INVITATION  
TO THE SYMPOSIUM**  
for waste water technologies

WITH ACCOMPANYING TRADE EXHIBITION  
Renowned companies

SPECIAL EXHIBITION  
30 years Quick-Lock



**RAUSCH  
INTERNATIONAL  
GROUP**

**rausch**

**minCam**

**rausch  
REHAB**

**rausch<sub>USA</sub>**

**DART  
SYSTEMS**

[rausch.international](http://rausch.international)

# PROGRAMME

PRESENTATION: DR. SISSIS KAMARIANAKIS

## BLOCK 1: SEWER INSPECTION NEWS

- 08:45 - 08:50 **WELCOME, DAY 1**  
Stefan Rausch, Rausch GmbH, Weissensberg
- 08:50 - 09:10 **SEWER INSPECTION IN CHANGING TIMES**  
Stefan Rausch / Thomas Viell, Rausch GmbH, Weissensberg
- 09:10 - 09:30 **NEWS FROM STANDARDS AND REGULATIONS**  
M. Eng. Caroline Körner, Chairwoman DWA Technical Committee ES-4, DWA e.V., Hennef
- 09:30 - 09:50 **NEEDS-BASED CLEANING AND INSPECTION / DWA M149-3**  
Dipl.-Ing. Jörg Otterbach, Wasserverband Eifel-Rur, Düren
- 09:50 - 10:10 **PRESSURE TESTING METHOD, VISUAL INSPECTION SUPPORT**  
Dr.-Ing. Olaf Kaufmann, Ö.b.u.v. Assessor, Bochum
- 10:10 - 10:20 **QUESTIONS / DISCUSSION**
- 10:20 - 10:50 **COFFEE BREAK**

## BLOCK 2: AI AND THE FUTURE OF WASTE WATER TECHNOLOGY

- 10:50 - 11:10 **SEWER DATA ON AUTOPILOT - FROM INSPECTION ON REHABILITATION PLANNING USING THE AHR VALLEY AS AN EXAMPLE**  
M.Sc. Christopher Weindl, Ing Plus AG, Fürth
- 11:10 - 11:30 **AI IN USE AT COMMERCIAL ENTERPRISES DUISBURG**  
Dipl.-Geogr. Andreas Benstem, Commercial enterprises Duisburg - AöR
- 11:30 - 11:50 **HOW CAN THE FUTURE OF OUR WASTE WATER INFRASTRUCTURE BE SAFEGUARDED?**  
Dr. Robert Stein, STEIN Infrastructure Management GmbH
- 11:50 - 12:00 **QUESTIONS / DISCUSSION**
- 12:00 - 13:30 **LUNCHTIME SNACK AND TRADE EXHIBITION**

THURS 14.09.2023

## BLOCK 3: RESTORATION TECHNOLOGY PAST, PRESENT AND FUTURE

- 13:30 - 13:50 **"PLAYING IT SAFE" - NEWS FROM THE WORLD OF REGULATIONS**  
Dipl.-Ing. Andreas Haaker, Rohrleitungssanierungsverband - RSV e.V., Hamburg
- 13:50 - 14:05 **35 YEARS OF UV LIGHT HARDENING IN SEWER RESTORATION**  
Dipl.-Ing. Thomas Reutemann, RAUSCH REHAB GmbH, Immenstadt
- 14:05 - 14:25 **UV HARDENING FROM LAB POINT OF VIEW - FROM THEORY TO PRACTICE**  
Dr.-Ing. Mark Kopietz, SBKS GmbH & Co. KG, St.Wendel
- 14:25 - 14:40 **EFFICIENCY OF MILLING SYSTEMS**  
Tim Nieding, RAUSCH REHAB GmbH, Immenstadt
- 14:40 - 15:00 **SPECIAL FEATURES OF ROBOTIC PROCEDURES WITH THE EGG PROFILE**  
Joachim Heider, Frankfurt am Main city drainage
- 15:00 - 15:30 **COFFEE BREAK**

## BLOCK 4: RESTORATION IN PRACTICE

- 15:30 - 15:50 **RESTORATION OF MANHOLES IN DRAINAGE STRUCTURES**  
Prof. Dr.-Ing. Karsten Körkemeier, TU Kaiserslautern
- 15:50 - 16:10 **VERTICAL LINERS CAN DO MORE...**  
Dipl.-Ing. Markus Maletz, LGA Bautechnik GmbH, Nuremberg
- 16:10 - 16:30 **RESTORATION OF WASTE WATER PRESSURE LINES - RESULTS OF THE IKT PRODUCT TEST**  
Dipl.-Ökonom Roland W. Waniek, IKT gGmbH, Gelsenkirchen
- 16:30 - 16:50 **QUO VADIS SEWER RESTORATION? PRICES - STAFF - PROGNOSIS**  
Dipl.-Geogr. Gerhard Renz, ISAS GmbH, Albstadt
- 16:50 - 17:00 **QUESTIONS / DISCUSSION**
- 18:30 **EVENING EVENT, SUNDOWNER "40 YEARS OF RAUSCH"**

THURS 14.09.2023

PRESENTATION: JÖRG OTTERBACH

## BLOCK 5: QUALITY ASSURANCE

- 08:30 - 08:40 **WELCOME, DAY 2**  
Stefan Rausch, Rausch GmbH, Weissensberg
- 08:40 - 09:00 **QUALITY ASSURANCE RAL QUALITY PROTECTION**  
Dipl.-Ing. Dirk Bellinghausen, RAL Güteschutz, Hennef
- 09:00 - 09:20 **BETWEEN DATA SECURITY AND EFFICIENCY - CLOUD SOLUTIONS FOR CHANNEL MANAGEMENT**  
Dipl.-Physiker Joachim Thiel, CADMAP Consulting Ingenieurgesellschaft GmbH, Essen
- 09:20 - 09:40 **HANDLING AZ PIPES**  
Dipl.-Journalistin Reinhild Haacker, Rohrleitungssanierungsverband - RSV e.V., Hamburg
- 09:40 - 10:40 **WHITE SAUSAGE BREAKFAST IN THE EXHIBITION AREA**

## BLOCK 6: FUTURE SKILLED WORKERS - WHAT CAN WE DO?

- 10:40 - 11:00 **REORGANISATION OF ENVIRONMENTAL ENGINEERING PROFESSIONS AND OPPORTUNITIES FOR FURTHER QUALIFICATION**  
Dipl.Ing. Helene Opitz, DWA e.V., Hennef
- 11:00 - 11:20 **FOCUS ON THE SHORTAGE OF SKILLED WORKERS**  
Dipl.-Ing. Univ. Alexander Jung, ISAS GmbH, Munich
- 11:20 - 11:40 **OPPORTUNITIES FOR RECRUITING AND RETAINING SKILLED WORKERS**  
Dr. Sissis Kamarianakis, careers advice
- 11:40 - 12:00 **FINAL PRESENTATION / CLOSE**  
Stefan Rausch, Rausch GmbH, Weissensberg
- bis 15:00 **LUNCHTIME SNACK AND TRADE EXHIBITION**

FRI 15.09.2023

## NETWORKED KNOWLEDGE.

Sewer inspection and restoration connect us all. Every day. In research and production. In precision manual work. In close cooperation with the scientific developers and the people working directly in the field. In our sector, you might say that the work is subterranean but just like heaven. Your work and ours could only become the best over the past 40 years because we networked ourselves and our systems. And because we speak to each other and know what one company can do and what the other one needs. With our symposium, we create a gleaming instrument that promotes the sharing of experiences in the most beautiful atmosphere and, above all, conveys state-of-the-art and the latest knowledge about sewer inspection and sewer restoration.

We look back briefly and marvel, for example, at how much we can now see in the dark sewer. And good we've become in documentation. You will learn everything we can tell you about quality assurance, legal innovations, structural challenges, technical innovations and opportunities from outstanding experts and presented in an entertaining way by renowned moderators. You will also receive tips on how to combat the shortage of skilled workers. The trade exhibition accompanying the symposium on both days offers an added extra. Be curious, inquisitive, communicative and look forward to a successful future together with us. It starts today.

VISION  
INNOVATION  
TECHNOLOGY

# SHAPE THE FUTURE

## PARTNERSHIP.

For the past 30 years, the companies Rausch and Uhrig have stood for expertise and progress in the industry. We are proud to celebrate this long-standing partnership and collaboration.

As part of the symposium, we would like to invite you to our special exhibition: "Quick-Lock system for repairs using stainless steel sleeves". Learn more about our decades-long partnership and discover our latest products and innovations.

Visit us for a first-hand look behind the scenes of our 30-year success story.

We look forward to seeing you there!

# ACCOMPANYING TRADE EXHIBITION