

# 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"**

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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

# SHAPE THE FUTURE

## 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

ACCOMPANYING TRADE EXHIBITION