

22 Nov. 2022  
Online Conference

Artificial Intelligence:  
Reshaping the Water Industry

 BLUE PLANET Berlin Water Dialogues

 @BlueDialogues

 #BluePlanetBerlin

 www.blueplanetberlin.de

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Event platform by InvitePeople

## Program *Moderated by Jennifer Porto*

### Welcoming remarks

12:00 – 12:10

#### Welcoming Remarks

Julia Braune; General Manager, German Water Partnership e.V.

Jochen Rabe; Managing Director, Berlin Centre of Competence for Water (KWB)

Stefan Tidow; State Secretary at the Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection (BMUV)

### Segment I – Opportunities for the water sector

12:10 – 12:35

#### Introductory Keynote

Sella Nevo; Head of the Google Flood Forecasting Initiative, Google

Nicolas Zimmer; CEO Technology Foundation Berlin

### Panel Discussion **AI: Disrupting the water industry**

12:35 – 13:20

Moderated by Dr. Richard J. Vestner; Senior Director, Bentley Systems

- Navaneethan Santhanam; Chief Scientist, SmartTerra
- Alexandre Vallieres; Director of AI Strategy and Research, Bentley Systems
- Anja Eimer; General Manager Global Water Industry, Siemens AG

13:20 – 13:30

*Coffee break*

13:30 – 14:15

(parallel sessions)

#### Break-Out Sessions

Session 1: The future of sewer defect assessment with AI

Moderated by Dr. Nicolas Caradot; Group Leader Smart City and Infrastructure, Berlin Centre of Competence for Water (KWB)

- Alexander Ringe; Network Strategist, Berlin Waterworks (BWB)
- Dr. Aisha Mamade; Engineer Lead, Baseform
- KIKI Project – AI based Sewer Maintenance (tbc)

Session 2: Ongoing BMBF research projects

- Norman Schweimanns; Research Associate, Berlin University of Technology (TU Berlin)
- Martin Weng; aixprocess Aachen (tbc)

14:15 – 14:25

*Coffee break*

14:25 – 14:35

Synopsis Segment I

Ambassadors for each Break-Out Session

14:35 – 15:05

Halftime break

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## Segment II – Barriers to climb

15:05 – 15:25

### Keynote

Prof. Andrea Cominola; Assistant Professor, Berlin University of Technology (TU Berlin)

Dr. Riccardo Taormina; Assistant Professor, Delft University of Technology (TU Delft)

## Panel Discussion

### Hydroinformatics - New data sources

15:25 – 16:10

Moderated by Dr. David Steffelbauer; Group Leader, Berlin Centre of Competence for Water (KWB)

- Ina Vertommen, Team Manager & Researcher Hydroinformatics, KWR Water Research Institute
- Ivan Stoianov, Reader in Water Systems Engineering, Imperial College London (tbc)
- Dr. Antonio Moreno-Rodenas; Researcher / Data Science Program Coordinator, Deltares
- Marten Hutten; Data Scientist, Vitens

16:10 – 16:20

*Coffee break*

16:20 – 17:05

(parallel sessions)

### Break-Out Sessions

Session 3: Challenges in the use of AI in sewer management

- Felix Naser; Head of Operations, Pallon AG
- Samotics (tbc)

Session 4: Adopting to AI in the industry

- Chris Thomas; Head of Innovation and Enterprise, ISLE Utilities

Session 5: Scaling an AI solution for sewer monitoring for 5m people

- Dr. Adam Cartwright; Head of IoT Applications, Siemens UK

17:05 – 17:15

*Coffee break*

17:15 – 17:25

Synopsis Segment II

Ambassadors for each Break-Out Session

## Closing

17:25 – 17:40

### Closing Keynote

Dr. Newsha Ajami; Chief Development Officer for Research, Lawrence Berkeley National Lab

17:40 – 17:45

### Closing Remarks

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