

MONDAY 09:30 AM – 06.00 PM City Theatre De Harmonie

On Monday September 24, the first European Water Technology Week will kick off. This first EWTW day offers a program aimed at business, policy, science and international collaboration.

Preliminary program

9.30

Welcome and registration

10.00 – 12.00

Plenary session

Chair: Johannes Boonstra, Executive Board Wetsus

Opening EWTW

– Ferd Crone, Mayor of Leeuwarden, Capital of Water Technology, Cultural Capital of Europe 2018.

Excellence in Multi Disciplinarily

– prof.dr.ir. Cees Buisman, Executive Board Wetsus

– Mona Keijzer, State Secretary for Economic Affairs and Climate Policy

– James L. Barnard, Ph.D., D.Ing.h.c., Pr.Eng. BCEE, WEF Fellow, Dist. MASCE Global

Practice & Technology Leader Advanced Biological Treatment Black & Veatch

– speaker to be announced

– Marcel Mulder Award winner 2017; dr. Phillipp Wilfert

– Marcel Mulder Award Ceremony, drs. Ed Nijpels, Chair Supervisory Board Wetsus.

12.00 – 13.45

Lunch at exhibition floor

13.45 – 14.45

Plenary session Connecting the Hubs (1)

Chair: Andrew Walker

13.45 – 14.15

Key note by Sally Gutierrez, Director of environmental technology innovation cluster development and support programme EPA R&D office

14.15 – 15.00

WIS Award pitches

15.00 – 15.30

Break

15.30 – 16.45

Plenary session Connecting the Hubs (2)

There is no such thing (yet) as a format or blueprint for a Water Tech Hub. In this part leaders from the Global Water Tech Hubs present the highlights of each specific hub. By sharing each strength the basis for cooperation can be initiated.

– USA: Dean Amhaus, Water Council

– Isreal: Yossi Jacoby, Merkarot

– Singapore: Kenneth Tan, PUB

– Canada: Peter Gallant, WaterTap

– Korea: t.b.a.

16.45 – 18.00

Networking reception at exhibition floor

19.00

WaterCampus dinner (by invitation only) -- location: Wetsus building

Tuesday September 25, day two of the Wetsus Congress, is traditionally mostly about science, but this year also multiple sessions about applied research, business and water technology hubs are added.

Preliminary program

9.30 Welcome and registration

10.00 – 10.45

Plenary session

Welcome, prof.dr.ir. Cees Buisman, Executive Board Wetsus

Keynote: Prince Constantijn van Oranje, StartupDelta Special Envoy

10.45 – 12.15 Parallel sessions

Science Sessions

1) Water as a macroscopic quantum system

2) Biofilms – What can we learn from other disciplines?

3) The art of Dehydration

4) Antibiotic resistance in the water chain: sources, drivers and interventions

5) Smart Sensoring with Micro & Nano technology

6) Applying water technology in sustainable agriculture

Business and Other Sessions

closed session Water Match

closed session Bootcamp

12.15 – 13.45

Lunch at exhibition floor

13.45 – 14.30

Plenary session

Prof. Rong Wang, Novel membranes for effective water reuse, desalination and energy harvesting

14.30 – 15.00

Break

15.00 – 16.30

Parallel sessions

Science Sessions

7) Micro pollutants in waste water

8) Engineering microbial cell factories for new directions in biotechnology

9) Think big, spend less: upscaling challenges in desalination technologies

10) Applying membranes in systems Business and Other Sessions

11) New sensor technology in the water industry

12) Water technology accelerator

13) Digital disruption in the water utility value chain part 1: new sensor technology in the water industry

14) Human Capital valuable asset

closed session WaterMatch

16.30 – 17.30

Networking reception at exhibition floor

19.00

dinner

Location: Fries Museum, M.C. Escher exhibition, Escher's Journey (limited seats)

Preliminary program

- 9.30**
10.00 – 10.45 **Welcome and registration**
Plenary session
Welcome: Andrew Walker, International marketing strategist & public speaker
Introduction: prof.dr.ir. Cees Buisman, Executive Board Wetsus
Keynote: Prof. Kaijun Wang, Tsinghua University, Overall research development of Chinese wastewater treatment and the concept plant.
- 10.45 – 12.15** **Parallel Sessions**
Science Sessions
1) Precious metals and water technology
2) Combatting algae blooms: how can technology and a 10 M\$ prize help?
3) Blue Battery and other green water-based energy storage solutions Business and Other Sessions
4) How to fund your valorization of knowledge using applied research?
5) Big data and fast data, where to start?
6) Resource Recovery as a contribution of the water sector in a circular Economy
7) Wetskills Finals
8) Digital disruption in the water utility value chain part 2: Big data and fast data, where to start?
- 12.15 – 13.30** **Lunch at exhibition floor**
13.30- 15.15 **Connecting Global Water Tech Hubs (Part 3)**
– Final of the WIS Award
– Panel discussion 'How to connect global water tech Hubs'
Chair: Andrew Walker, International marketing strategist & public speaker
Special guest: Henk Ovink, Special Envoy for International Water Affairs at Kingdom of the Netherlands.
- 15.15 – 16.00** **Break and visit exhibition floor**
16.00 – 17.30 **Parallel sessions**
9) Digital disruption in the water utility value chain part 3:
How to create a digital disruption in the water utility value chain?
10) Recovered cellulose: from used toilet paper to resource for the biobased economy
11) Resource Recovery – Biopolymers from Wastewater to Circular economy
12) Challenges for membrane filtration in the water market
13) Climate Resilient Cities: 1001 Best Management Practices and innovations
14) Think big: From technological development to commercial success in energy & water
15) Accelerator Programs from Waterhubs Closed session Water Match
- 18.00** **Networking Dinner**