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# Anaerobic Digestion Conference AD16

## Accelerating natural cycles

First Announcement  
23-27 June 2019, Delft, The Netherlands



**16<sup>TH</sup>**  
**IWA World Congress**  
*on Anaerobic Digestion*  
➤ Accelerating natural cycles with anaerobic digestion

**IWA**  
the international  
water association

# Introduction

We are honored to invite you to the 16th World Congress on Anaerobic Digestion to be held in Delft (The Netherlands) in June 2019. This international platform to discuss advances in anaerobic digestion and related processes is an event that is part of the IWA Anaerobic Digestion Specialist Group conference series, this time organized by The Netherlands and Belgium.

The theme of the 16th issue of the AD conference is "Accelerating natural cycles with anaerobic digestion." We accelerate natural cycles from small to large scale on sewage, sludge, manure or agrowaste. We increasingly treat industrial wastewater anaerobically, and these engineered digestion systems allow recovery of energy and resources including carbon and nutrients. AD16 will further strengthen this evolution, by bringing together and activate debate across the multiple disciplines needed to understand the processes related to anaerobic digestion. We invite engineers, biotechnologists, microbiologists, chemists, physicists, mathematical modelers, and technology innovators to participate. All pioneers, freshmen, and leaders in the field, and other interested parties, are welcome to critically discuss the state-of-the-art of anaerobic digestion and learn about new developments. Attendants can join our pre-conference workshops, visit latest-generation installations and anticipate future breakthroughs and developments.

Specialized short courses will be offered before the conference to reinforce knowledge on certain innovative aspects. These courses will be organized by Ghent University, University of Leuven, Wageningen University and Delft University. All are conveniently located in The Netherlands and Belgium, all within less than 3 hours by train from Delft.

We look forward to welcoming you to Delft, the birth place of the founding father of microbiology Antoni Van Leeuwenhoek, the home of the Delft School of Microbiology and the Dutch painter Vermeer.



## Aim and scope

The programme of events will focus on a wide variety of topics, like (but not limited to):

Treatment of domestic sewage and industrial wastewater with AD (centralised and decentralised systems)

Anaerobic digestion of slurries (sludge, manure, fecal matter)

Solid waste and co-digestion for improving AD efficiency

New developments in AD under difficult environmental conditions (salt, temperature etc.)  
Biorefining

Anaerobic biodegradation of organic and inorganic persistent pollutants

Molecular tools and microbial population dynamics

Advances in pre-treatment technologies

Post-treatment of digestate, including nutrient recovery

Full-scale implementation of innovative reactor configurations

Modelling and process Control

Environmental, economical and legal aspects

Biomethane



# Programme

The programme will be constructed around presentations and papers that are submitted in relation to the conference topics. Scientific papers, as well as documented case studies and general review papers are encouraged for submission

# Planning

October 2017	First Announcement
October 2018	Deadline for abstracts of papers and posters submission
December 2018	Second Announcement
January 2019	Evaluation of papers by the Programme committee and invitations to submit full papers
April 2019	Deadline submission full papers
23 - 27 June 2019	Conference

# Submission of papers and posters

All abstracts should be written in English. An international Programme Committee will review the abstracts. Only papers and posters presented in person by the author(s) will be accepted. Authors must be able to meet their own expenses and registration fee. When submitting your proposal online, you will find a more detailed list of keywords that we will use to categorise your submission, and match it with appropriate reviewers. Authors should submit an abstract of maximum 2 pages on the conference website before October 8<sup>th</sup>, 2018. Please also provide a photograph and a short text (maximum 100 words) about yourself with your abstract.

Once all proposals have been reviewed, and as the final programme for the congress is developed, the selected papers and posters will be grouped into appropriate sessions. The names of the themes, tracks and topics may change to reflect these groupings. Full instructions on how to prepare and submit abstracts are available online at [www.AD16conference.com](http://www.AD16conference.com)

# Poster presentations

If you present a poster paper, it will be on display the conference days and eligible for a best poster award, which will be announced at the congress closing ceremony. The difference from a platform presentation is that you should let your poster do the 'talking': i.e., the material presented must convey your key points. If you prefer to present a poster, please note this when you submit your proposal.



## Organizing Committee

Carl Schultz	Paques
Jack van de Vossenberg	IHE
Jo De Vrieze	Ghent University
Jorien van Geest	Biothane Veolia
Korneel Rabaey (chair)	Ghent University
Marcel Zandvoort	Waternet
Merle de Kreuk (chair)	Delft University of Technology
Miriam van Eekert	Wageningen University & Research / LeAF
Nico Groeneveld	Royal HaskoningDHV
Raf Dewil	University of Leuven
Henri Spanjers	Delft university of Technology
Lisa Appel	University of Leuven

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## Steering Committee

Jules van Lier	Technical University Delft
Cees Buisman	Wetsus

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## Programme Committee



## Information

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