

## Contact

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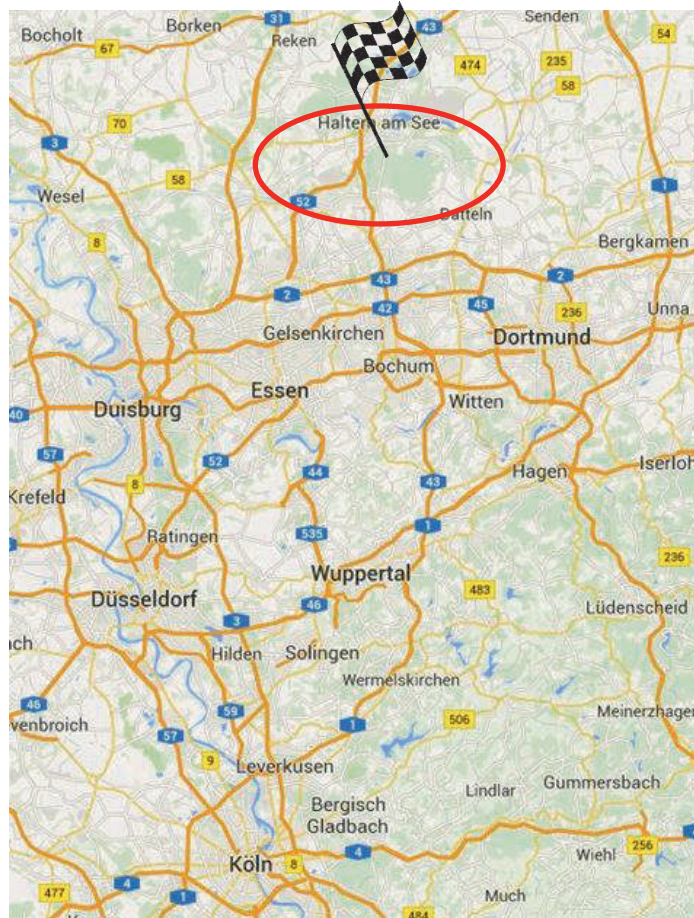
Prof. Dr. Christian Zwiener  
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### Contact address

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## Site Map



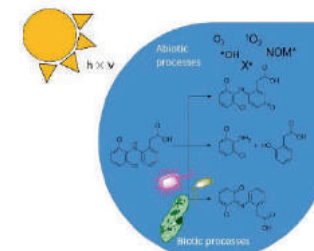
Quelle: Google Maps



## 8<sup>th</sup> Late Summer Workshop

"Chemical and biological transformation processes and tools for their investigation"

September 22<sup>th</sup> – 25<sup>th</sup>, 2019



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[www.wasserchemische-gesellschaft.de/lsw-2019](http://www.wasserchemische-gesellschaft.de/lsw-2019)



<http://www.wellness-hotel-seehof.de/>

Division of  
Gesellschaft Deutscher Chemiker e.V.



## Invited Speakers

The 8<sup>th</sup> Late Summer Workshop will discuss the state of research and knowledge on *Chemical and biological transformation processes and tools for their investigation*. It will feature invited lectures of outstanding scientists in this field.

**Prof. Dr. Michael Dodd**

University of Washington, USA

*"Antibiotic Resistance Gene Fate during (Waste)water Disinfection Processes: Degradation, Deactivation, and Implications for Mitigation of Antibiotic Resistance Dissemination"*

**Prof. Dr. Martin Elsner**

Technical University of Munich, DE

*"Exploring Transformation Pathways and Limits of Biodegradation by Stable Isotope Fractionation"*

**Dr. Imma Ferrer**

University of Colorado, USA

*"Identification of transformation products by LC/Q-TOF-MS-examples from pesticides in plants to surfactants in hydraulic fracturing waters"*

**Prof. Dr. Damian E. Helbling**

Atkinson Center for Sustainable Future Faculty Fellow, USA

*"Can micropollutant biotransformations be predicted from microbial community biomolecular parts lists?"*

**Prof. Dr. Jeppe Lund Nielsen**

Aalborg University, DK

*"Who and how do they degrade micropollutants?"*

**Prof. David Sedlak**

University of California, USA

*"Oxidative Treatment in Potable Water Reuse: Understanding the Formation and Fate of Transformation Products"*

**Dr. Peter Tentscher**

Aalborg Øst, DK

*"Chemical oxidation: how quantum chemical calculations can support experimental studies"*

**Prof. Dr. Thomas Ternes**

Federal Institute of Hydrology (BfG), DE

*"Transformation products in the urban water cycle: a hidden problem?"*

**Prof. Dr. Urs von Gunten**

Eawag, CH

*"Oxidation processes for water treatment: Are we on track?"*

## Invitation

### Concept

The 8<sup>th</sup> Late Summer Workshop has been established by the *Water Chemistry Society* (Chairman: Prof. Dr. Torsten C. Schmidt) and its Expert Committees "Oxidative processes", "Environmentally relevant transformation processes in the water cycle" and "Environmental isotope chemistry" to provide a forum for young scientists focused on chemical and biological transformation processes research. This interdisciplinary approach should aid the development of comprehensive knowledge on all aspects of water chemistry and water quality.

The Workshop will be held at Hotel Seehof, at the shore of Lake of Haltern – a beautiful landscape in western Germany, on the northern edge of the Ruhr region, not far away from Düsseldorf.

In order to enable participation of young researchers a fellowship covering full board accommodation will be made available for all contributions, expecting to be present during the entire workshop. Travel expenses are to be paid by the participants.

### Conference Character

The format of the Late Summer Workshops is of the Gordon Research Conference type. Discussion and active participation is integrated. We are looking for a lot of stimulation, thinking and exchange of experiences.

Special consideration will be given to young scientists. The *Water Chemistry Society* feels responsible for development of the rising scientific generation and wishes to encourage individuals to remain in research and active in the development of this field. Attendance will be limited to 50 persons.

Prominent scientists will address the above topics in invited lectures, followed by selected contributions as participant lectures. Significant time will be given for discussions.

## Registration

### Contribution of Papers and Participation

Contributions from the scientific community to the topics of the workshop are welcome. Contributions will be possible either in oral form (20 min) or as posters to be discussed in special sessions.

Selection of contributed papers will be made by the scientific committee on the basis of the submitted abstracts: Decision criteria will be the scientific quality and relationship to the theme of the conference.

All persons wishing to attend this Late Summer Workshop have to register. Please use therefore the registration form on the web page:

<http://www.wasserchemische-gesellschaft.de/lsw-2019>

and submit the completed form and the abstract of 2-4 pages (pdf-file) online to:

[sekretariat@wasserchemische-gesellschaft.de](mailto:sekretariat@wasserchemische-gesellschaft.de)

Please register early, but not later than June 30<sup>th</sup>, 2019. Participants selected will be informed by July 31<sup>st</sup>, 2019.

Please note: Due to the nature of the workshop, participation must be confirmed by the organisers. No provisions for accompanying persons of participants have been made.

### Participation Fees

Non-member of WG or GDCh	€ 100,00
Member of WG or GDCh	€ 50,00

### Accommodation

Room reservation will be made at Hotel Seehof. Appropriate forms for reservation will be mailed to all participants selected by mid of August, 2019.