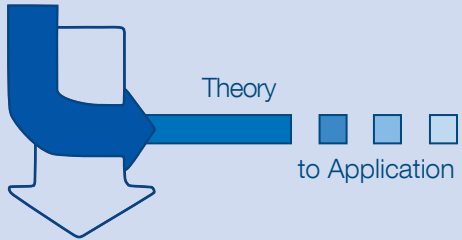


**May 25th - 27th 2021**

**ONLINE**

Prof. Dr.-Ing. Matthias Wessling  
invited speakers



Organized by

vivta | e.V.



Membrane processes are applied in a variety of industrial applications such as waste water treatment, drinking water production, gas separation and many more. Water technologies in particular depend strongly on membrane processes. Therefore, this course aims to give a sound knowledge of membrane technologies used in water industries.

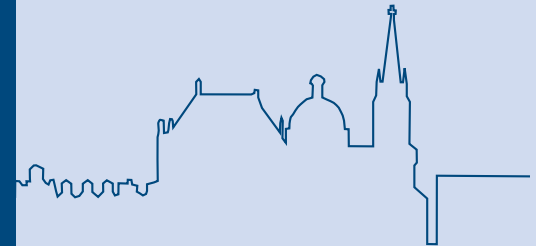
### The course in a nutshell

The first lectures deal with the **theoretical and fundamental principles** of membrane technology and **membrane materials**. On this basis, fouling, scaling and monitoring as well as waste water treatment and industrial water applications are focused. All lectures are held by senior scientists and engineers with outstanding experience in the field of water and membrane technologies both in **research and in industrial operations**.

The theoretical part of the course is balanced with a **case study** and a **virtual tour** through our laboratories. For the first time ever the course will take place in an entirely **digital format**.

The course does **not require any specific previous knowledge** in membrane technologies and is thus advisable to any professional.

# Aachen Membrane Course for Water Technologies

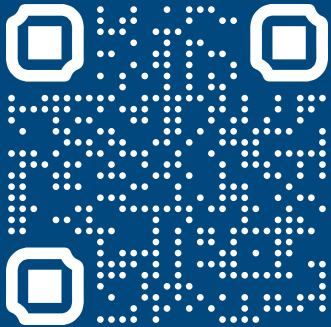


## Participation Fee

The registration fee includes participation, course material and access to the online learning platform.

Regular: 700.00 EUR  
Students: 500.00 EUR

## Registration



[www.avt.rwth-aachen.de/mcw](http://www.avt.rwth-aachen.de/mcw)

### Materials & Structures

Future membrane materials

### Fundamental

Modeling of mass transport

### Membrane Modules

Design | Optimization | Energy efficiency

### Fouling & Scaling

Concentration polarization

### Industrial Water Applications

ZLD | Water treatment for medical purposes

### Monitoring

Analysis & Interpretation

### Virtual Lab Tour

Virtual visit of laboratory and pilot scale plant site of AVT.CVT

### Drinking Water

MF, UF, NF | RO & ED

### Waste Water Treatment

Membrane bioreactors

## Online

For the first time the Membrane Course for Water Technologies takes place entirely online.

## Contact

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