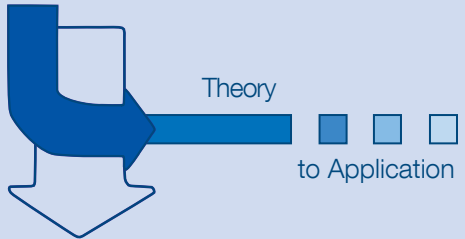


May 25th - 27th 2021

Aachen, Germany

Chemical Process Engineering

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.

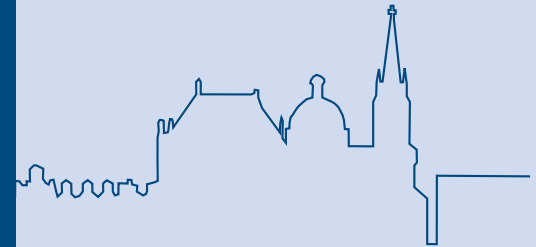
The course in a nutshell

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 the **visit of our laboratories** and pilot scale sites. A joint dinner and a guided tour through Aachen's historic city center complete the course program.

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

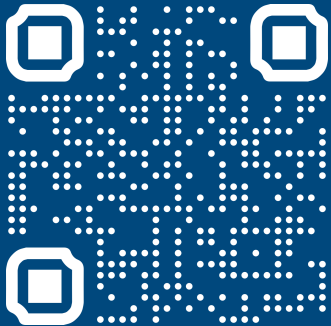


Participation Fee

The registration fee includes participation, course material, meals (during the days and dinner on the first evening) as well as social activity (second evening).

Students: 700.00 EUR
Until March 31st: 900.00 EUR
From April 1st: 1,000.00 EUR

Registration



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

Lab Tour

Visit of laboratory and pilot scale plant site of AVT.CVT

Drinking Water

MF, UF, NF | RO & ED

Waste Water Treatment

Membrane bioreactors

Location

Chemical Process Engineering
AVT.CVT RWTH Aachen University
Forckenbeckstr. 51
52074 Aachen

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