

Registration

Please register before 12 October 2010 using the form available at our website
www.nano4water.eu

Or fax this page to

+49 241 80 922 52

Registration fee: 30 EUR

Payment in cash on-site

Name

First name

Company / Department

Address

Email

Date & Place

26 October 2010
09.00 - 18.00 h
Super C, Generali Hall
Templergraben 57
52062 Aachen, Germany

The event is hosted by RWTH Aachen University's Chair of Chemical Process Engineering



in cooperation with

vivta

It takes place the day before the Aachener Membran Kolloquium (AMK)

- www.amk.rwth-aachen.de -

The AMK is a renowned 2-day international conference on industrial membrane applications in various sectors, such as water treatment, food industry, solvent recovery, gas separation and the energy sector. Attendees of the AMK will have free access to the nano4water workshop.

For additional information visit

www.nano4water.eu



nano4water

Nanotechnology
meets
water treatment

Dissemination
Workshop of the
nano4water cluster

26 October 2010
Aachen, Germany



The nano4water cluster projects are co-funded by the Research DG of the European Commission

About

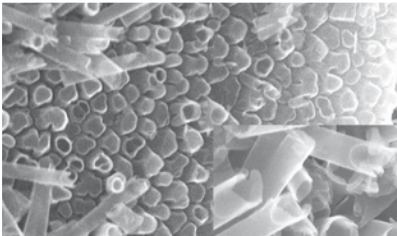
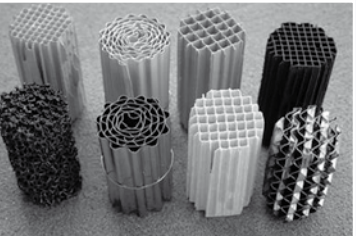
The nano4water cluster is a coalition of research projects, funded by the European Commission following a Joint Call on nanotechnologies for water treatment (FP7-ENV-NMP-2008-2). The action aims to support research and technological development in the field of water treatment by applying developed or adapted nano-engineered materials to promising separation, purification and detoxification technologies.

The projects of the nano4water cluster mainly follow two approaches in improving efficient water treatment: the development of nanomembranes, where engineered nanomaterials are incorporated into the membrane matrix or are deposited on membrane surface, and the use of nanomaterials in catalytic reactors in order to accelerate degradation reactions

This 1-day workshop is a joint dissemination activity of the cluster - a unique opportunity to learn about the potential of nanotechnology in water treatment generally and membrane applications in particular.

For more information about the project visit

www.nano4water.eu



Programme

08.30 - 09.00 Registration

09.00 - 09.15 Meeting opening

Overview presentations: European research in the field of nanotechnologies and water treatment - Introduction to the nano4water cluster

09.15 - 09.45 European Research Programmes in the field of Nano- and Environmental Technologies
Michel Schouppe and Stefan Vandendriessche, European Commission DG Research

09.45 - 10.15 New ED - Advanced bipolar membrane processes for remediation of highly saline wastewater streams

Thomas Melin (RWTH Aachen University / DE)

10.15 - 10.45 CleanWater - Water detoxification using innovative vi-nanocatalysts

Polycarpos Falaras (NCSR-D / GR) and José M. Doña Rodríguez (ULPGC / ES)

10.45 - 11.15 Nametech - Development of intensified water treatment concepts by integrating nano- and membrane technologies

Inge Genne (VITO / BE)

11.15 - 11.45 Coffee break & Poster presentation

11.45 - 12.15 WATERMIM - Water treatment by molecular imprinted materials

Costas Kiparissides (CPERI / GR)

12.15 - 12.45 MONACAT - Monolithic reactors structured at the micro and nano levels for catalytic water purification

Enrique García-Bordeje (CSIC / ES)

12.45 - 13.15 MEMBAQ - Incorporations of aquaporins for industrial applications

Hans Enggrob (DHI / DK)

13.15 - 14.30 Lunch break and poster presentation

Presentations on specific aspects of the nano4water projects

14.30 - 15.00 New ED - Enhanced performance of structured electro dialysis membranes
Harmen Zwijnenberg (TU Twente / NL)

15.00 - 15.30 CleanWater - Development and optimization of photocatalytic nanofiltration membranes

Polycarpos Falaras and Georgios Romanos (NCSR-D / GR)

15.30 - 16.00 Nametech - Nanosilver in membranes: integration concepts for different applications

Eric Roesink and Wilco Wennekes (Norit / NL)

16.00 - 16.30 Coffee break

16.30 - 17.00 MONACAT - Catalytic ozonation: Catalysts developments and reactor design
Jean-Christophe Schrotter (Anjou Recherche, VEOLIA / FR)

17.00 - 17.30 WATERMIM - Design of MIP nanoparticles and membranes for water purification
Sergey Piletsky (CU, Cranfield Biotechnology Centre / UK)

18.00 Reception

