



An invitation to a unique series of three free online workshops:

‘Nanotechnology for Water Purification’

12.45pm – 15.15pm, Wednesday 2nd, Tuesday 8th and Tuesday 15th December 2009

The ICPC-NanoNet project stimulates global networking in nanoscience and nanotechnology. This online workshop on “Nanotechnology for Water Purification” aims to bring together experts in this field who are interested in cooperating with their peers in Europe, Africa, Asia, Latin America and other parts of the world. Such cooperation may benefit from EU funding opportunities under the Seventh Framework Programme for Research and Technology Development FP7. The workshop highlights the scientific and technical state of the art as well as relevant calls for proposals.

Register now at: <http://www.icpc-nanonet.org/OnlineWorkshop/index.html>

Programme:

2nd of December, 2009 (Session 1)

<i>Time (GMT) / Event</i>	<i>Speaker</i>
12.45 - 13.00 System Check	
13.00 - 13.30 European Funding Possibilities for European and Non-European Researchers	Ineke Malsch (confirmed)
13.30 - 14.00 Discussion	
14.00 - 14.30 Confirmed topic: Nanotechnology and the Challenge of Clean Water in the Developing World	Dr Thembela Hillie (confirmed)
14.30 - 15.00 Discussion	
15.00 – 15.15 Conclusions	

8th of December, 2009 (Session 2)

<i>Time (GMT) / Event</i>	<i>Speaker</i>
12.45 - 13.00 System Check	
13.00 - 13.30 Confirmed topic: Nanofiltration and adsorption for water treatment – the need of nanotechnologies	Dr. Armand Masion (confirmed)
13.30 - 14.00 Discussion	
14.00 - 14.30 Confirmed topic: Control of Biofouling in Nanofiltration Systems	Prof. Dr Eugene Cloete (confirmed)
14.30- 15.00 Discussion	
15.00 – 15.15 Conclusions	

15th of December, 2009 (Session 3)

Time (GMT) / Event

Speaker

12.45 - 13.00 System Check

13.00 - 13.30 Possible topic: Functionalized nanotubes/polyurethane composites for the removal of chlorinated organics in water

Dr Rui Krause (confirmed)

13.30 - 14.00 Discussion

14.00 - 14.30 Confirmed topic: "Water Treatment in Developing Regions – Using Nanotechnology to Enhance Solar Disinfection"

Dr. Patrick Dunlop (confirmed)

14.30 - 15.00 Discussion

15.00 – 15.15 Conclusions

About the speakers:

Prof. Dr. Eugene Cloete

Head of the Microbiology Department at the University of Pretoria

Website: <http://www.up.ac.za/academic/microbio/cloete/>

Relevant fields of interest: Biofouling, Nanofiltration systems

Prof. Dr. Eugene Cloete is a respected scientist and a key specialist in the field of Control of Chemical Biofouling of Membranes

Dr. Rui Krause (tbc)

Associate professor at the Department of Chemical Technology, University of Johannesburg, South Africa

Website: <http://web.wits.ac.za/Academic/Centres/StrongMaterials/CarbonNanotubesandStrongComposites/Members/Krause/>

Relevant fields of interest: Organic Chemistry and Nanotechnology

Dr. Rui Krause is a key specialist in the field of Carbon nanomaterials for organic decontamination of water

Prof. Dr. Thembela Hillie

Principal Research Scientist at NCNSM and an associate professor in physics at the University of the Free State

Website: http://www.csir.co.za/nano/res_group.html

Relevant fields of interest: Semiconductor physics and surface science at nanoscale, Nanotechnology for water treatment and sustainability

Prof. Dr. Thembela Hillie is a key specialist in the field of Nanotechnology for water treatment and Sustainable development

Dr. Patrick Dunlop

Research Fellow, University of Ulster, Ireland

Website: <http://www.fapesp.br/materia/5054/pfpmcg/dr-patrick-dunlop.htm>

Dr. Patrick Dunlop is a specialist in solar disinfection of water, development of nanostructured photocatalysts, design and construction of nano-membranes and filters

Dr. Armand Masion

Researcher at the CEREGE, France

Website: http://www.cerege.fr/spip.php?lang=en&masque=inc-news&id_article=27921&masque=inc-perso&id_rubrique=196&lettre=mM

Dr. Armand Masion is a relevant specialist in the fields of nanofiltration and adsorption for water treatment

Ineke Malsch

Director of Malsch TechnoValuation

Website: www.malsch.demon.nl

Ineke Malsch is a consultant specialising in (nano)technology and society. She is a partner in the ICPC NanoNet project, responsible for Latin America.

How to register:

The prospective audience will consist of scientists working in the field of Nanotechnology for Water Purification; European Commission representatives and experts from consultancy.

To sign up for the 'Nanotechnology for Water Purification' workshop go to:

<http://www.icpc-nanonet.org/OnlineWorkshop/index.html>

For more information contact the organisers:

Ineke Malsch postbus@malsch.demon.nl and Danail Hristozov danail_hr83@yahoo.com

Workshop participants must be registered members of ICPC-Nanonet (www.icpc-nanonet.org). Registration is free.

Numbers are limited to the first 25 registrations for each session

About ICPC Nanonet:

The ICPC Nanonet project is funded by the EU under FP7 for four years from June 2008. It brings together partners from the EU, China, India, Russia and Africa, and aims to provide wider access to published nanoscience research and opportunities for collaboration between scientists in the EU and International Cooperation Partner Countries.

For further information about the ICPC Nanonet project, email the Project Coordinator: Lesley Tobin lesley.tobin@nano.org.uk, visit the website at www.icpc-nanonet.org or browse the free open-access nano publications archive at www.nanoarchive.org