



Nanosciences, Nanotechnologies, Materials and New Production Technologies Deployment in Latin American Countries

Addressing societal challenges:



Water | Energy | Health

www.nmp-dela.eu

Newsletter No.5 Special Issue - May 2015

Welcome to the Fifth NMP-DeLA Project Newsletter – Special Issue Announcing the Updated Workshop Programme.

In this fifth newsletter, you can find out more about how you can get involved in the NMP-DeLA workshop on nanotechnology for water and energy in Curitiba, Brazil, 28-29 May. Check out the updated programme on page 3 and the website <http://www.nmp-dela.eu/index.php/news>.

You are also invited to fill out the innovation survey and to attend NMP-DeLA roadmap presentations at EU-SPRI in Helsinki, Finland 10-12 June 2015 www.euspri-helsinki2015.org.

NMP-DeLA brings together an international and geographically diverse, ten-partner consortium from the European Union and Latin America to facilitate the deployment of advanced and enabling technologies in areas of major societal challenge in Latin America.

Register now for the Nano for Water and Energy Expert Workshop: 28-29 May 2015, University of Paraná, Curitiba, Brazil by sending an e-mail to Noela Invernizzi:

noela.invernizzi@gmail.com

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Do you have news for the community?

Tell us about research developments and opportunities, project news and updates, new collaborations, opinions, publications, events, etc.

Submit your news and events here:

Postbus@Malsch.demon.nl



NMP-DeLA workshop Nano for Water and Energy, Curitiba, Brazil

Dates: 28-29 May 2015

Workshop venue: the Historic Building of the University of Parana in Curitiba, Brazil at Praça Santos Andrade:
<http://www.ufpr.br/portalufpr/>

Registration is free of charge, but participants must cover their own travel and subsistence costs.

Hotel information:

The hotel DAN INN is next to the workshop venue:
<http://www.hoteldaninncuritiba.com.br/>

Other hotels next to the workshop:
Mabu
<http://www.hoteismabu.com.br/hoteis/curitiba-business/>

Centro Europeu
<http://www.hotelcentroeuropetourist.com.br/>

IBis Budget
<http://www.ibis.com/pt-br/hotel-5519-ibis-budget-curitiba-centro/index.shtml>

Transport:

There is an executive bus from-to the airport which is cheap and convenient and will leave you very close to the hotels. You can buy tickets outside the main lobby of the airport, groundfloor, or in the bus. R\$ 12. It runs every 15-20 min.
<http://www.aeroportoexecutivo.com.br/>

There is also public transportation. You will see a glass tube station outside the airport and it will leave you exactly in front of the Dan Inn Hotel at Praça do Círculo Militar. R\$ 3,30.

Taxis from the airport to downtown cost about R\$ 80.

Check the weather, because Curitiba can contain the four seasons in a single day.

NMP-DeLA workshop Nano for Water and Energy, Curitiba, Brazil

Day 1	May 28, 2015
9.00 – 9.20	<p>Welcome to participants</p> <p>Dr. Edilson Silveira, Vice Chancellor for Research and Graduate Programs, Federal University of Paraná.</p> <p>Dra. Graciela Inez Bolzon de Muniz, Nanotechnology Central Laboratory (LCNano), Universidade Federal do Paraná</p> <p>Dra. Noela Invernizzi. Latin American Network Nanotechnology and Society (RELANS), Public Policy Graduate Program, Universidade Federal do Paraná.</p>
9.20 – 9.50	<p>NMP-DeLA Project Goals – Liceth Rebolledo- Project Manager, ASCAMM Technology Center, Barcelona</p> <p>Mapping of Nanotechnology Research applied to Energy and Water in Latin America – NMP – DeLA Project - Dr. Guillermo Foladori, ReLANS, Universidad Autonoma de Zacatecas, México.</p>
9:50 -10.10	Responsible research and innovation – Mg. Ilse Marschalek - Zentrum für Soziale Innovation (ZSI), Austria
10.10 -10.30	Coffee Break
10.30 -11.00	Brazilian Nanotechnology Initiative – Dr. Alfredo de Souza Mendes. Coordination for Micro and Nano Technologies. Ministry of Science, Technology and Innovation, Brazil.
11.00 -12.00	<p>Nanotechnology applied to Energy in Europe</p> <p>Dr Bertran Fillon, Laboratory for Innovation in New Energy Technologies and Nanomaterials, CEA, France</p> <p>Prof Dr Wim Sinke, Energy Research Center and Science University of Amsterdam , The Netherlands</p>
12.00 -14 .00	Lunch
14.00 -15.30	<p>Nanotechnology applied to Energy in Latin America – round table</p> <p>Solar cells and devices: nanomaterials research for renewable energy – Dra. Lucimara Stolz Roman, Universidade Federal do Paraná, Brazil.</p> <p>Nanomaterials for Energy Applications - Dr. Ricardo Faccio, Universidad de la República, Uruguay.</p> <p>Células solares e fotogeração de hidrogênio por dissociação da água baseados em semicondutores nanotubulares impregnados com sensibilizadores inorgânicos (quantum dots) - Dr. Pedro Migoski da Silva, Pontifícia Universidade Católica do Rio Grande do Sul, Brazil.</p> <p>Molding P3HT conjugated polymer in fibers by solvent-annealing-induced nanowetting in porous template, Dra. Andreia Gerniski Macedo, Universidade Tecnológica Federal do Paraná, Brasil.</p>
15.30 -16.30	<p>Opportunities for cooperation</p> <p>Dr. Daniel Egbe - Opportunities for international global cooperation with ANSOLE</p> <p>Moderator: Liceth Rebolledo (ASCAMM, Spain), Ivana Resnichenko (MIEM, Uruguay)</p>
16.30 -16:45	Coffee break & more opportunities for cooperation
16:45-17:45	Focus groups: Innovation roadmap Moderator: Martina Lindorfer ZSI, Austria
19.30	Dinner

NMP-DeLA workshop Nano for Water and Energy, Curitiba, Brazil

Day 2	May 29, 2015
9.00 -12.00	Horizon 2020- Funding opportunities for Nanotechnology cooperative projects Nicola Tucci (Redinn, Italy) Piero Venturi, Representative of the EU Delegation for Science and Technology in Brazil
12.00 -14.00	Lunch
14.00 -15.00	Nanotechnology applied to Water in Europe Dr Jan Hofman, Water Innovation and Research University of Bath, UK Researcher 2, To be confirmed
15.00 -16.00	Nanotechnology applied to Water in Latin America - round table I Nanoparticles for the Adsorption and Photodegradation of Contaminants - <i>Dr. Daniel Martire</i> - Universidad Nacional de La Plata, Argentina Nanocomposites for Removal of Soluble Pollutants and Treatment of Water - <i>Dr. Koiti Araki</i> , Universidade de São Paulo, Brazil. Nanomaterials for solar water decontamination – <i>Dr. Juan Martin Rodríguez</i> , Universidad Nacional de Ingeniería, Perú. Removal of contaminants such as heavy metals from aqueous media by the use of synthetic and natural polymers and based nanocomposites using membrane filtration techniques and batch processes – <i>Dr. Bernabé Rivas Quiroz</i> , Universidad de Concepción, Chile.
16.00- 16.15	Coffee break & opportunities for cooperation
16.15 -17.15	Nanotechnology applied to Water in Latin America - round table II Nanomaterials for catalytic processes applied to water treatment - <i>Dr. Eduardo Miró</i> - Universidad Nacional del Litoral, Argentina Nanobubbles: generation, properties and potential applications on water/ wastewater treatment. <i>Dr. Jorge Rubio, MsC Ramiro Gonçalves Etchepare, Msc. André Camargo</i> , Universidade Federal do Rio Grande do Sul, Brazil. The problem of Mercury contamination in Colombia, challenges from nanotechnology for measurement and remediation - <i>Dr. Edgar González</i> , Pontificia Universidad Javeriana, Colombia. Nanomaterials and drinking water treatment technologies: opportunities and challenges - <i>Dra. Ma. Teresa Alarcón Herrera</i> , Centro de Investigación en Materiales Avanzados, México
17.15 -18.00	Opportunities for cooperation Moderators: - <i>Ineke Malsch</i> (MTV, Netherlands) & <i>Liceth Rebolledo</i> , ASCAMM, Spain)
18.00	Wrap up
19.30	Dinner

Please contribute to the NMP-DeLA Innovation Survey. Extended Deadline 23 May 2015!

The purpose of this survey is to collect evidence on the opportunities and obstacles concerning NMP development and commercialisation in Latin America for the roadmap on deployment of nanotechnology, materials and production technologies for health, water and energy to be published by the NMP-DeLA project by the summer of 2015.

By commercialisation we refer to the movement of nanotechnology from the research stage to industrial deployment. As NMP's development is science-driven and in rather early phase it is very important to gain the viewpoint of researchers and companies to the deployment of NMP. Your input is valuable and we thank you for taking your time to answer this survey. The survey is available in English, Portuguese and Spanish and will remain open until 23 May 2015.

If you are working in a research / academic organization, please complete the survey following this link:

http://www.webropolsurveys.com/Innovation_Survey_research.net

If you are working in a company, please complete the survey following this link:

http://www.webropolsurveys.com/Innovation_Survey_companies.net

Other Events Fostering Euro-Latin American Cooperation on Nanotechnology

The V **NanoAndes** School 2015 will be organized in San José, Costa Rica, on 16-27 November 2015. Topics include nanobiotechnology and nanomicroelectronics. See for more information: <http://www.nanoandes2015.com/>

The **CELAC-EU Summit** 2015 will be organized in Brussels 10-11 June 2015. It will be preceded by the Academic Summit on 8-9 June and the Business Summit on 10 June. A call for papers for the academic summit is open until 17 May 2015. Info: <http://www.americasportal.eu/content/academic-summit-2015>

The **NanoTradeShow** will be organised in São Paulo on 13-15 October 2015. See for more information: www.nanotradeshow.com.br

NanoDYF calls for new partners

The international network José Roberto Leite for dissemination and education in nanotechnology is opening itself to new members, from Latin America, Spain, Portugal and other countries. It is a continuation of the IberoAmerican network NANODYF and continues as a subsidiary of the Official College of Spanish Physicists COFIS. Contact person: Joaquín Darío Tutor Sánchez jdtutor@icai.comillas.edu

More information and a registration form in Spanish can be found here:

https://www.academia.edu/12256784/NUEVA_ESTRUCTURA_Y_ORGANIZACION_DE_RED_JOSEROBERTO_LEITE_DE_DIVULGACION_Y_FORMACION_EN_NANOTECNOLOGIA_DANANODYF

Funding, grants and research jobs

The **Human Frontier Science Programme** call for PostDoc fellowships remains open until 27 August 2015: www.hfsp.org

Check out the latest information on EU **Horizon 2020** calls here:

<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/index.html>

The recently established **MesoAmerican Centre for Theoretical Physics** linked to the Autonomous University of Chiapas (UNACH) in Mexico calls for applications for research professorship positions. Deadline 6 July 2015. The centre furthermore offers opportunities for exchange and mobility, schools and conferences, visiting senior researchers and postdocs, etc. The centre has been established in cooperation with the International Centre for Theoretical Physics 'Abdus Salam' in Trieste, Italy. Info: <http://mctp.mx/index.html> / www.ictp.it

Continuously updated research jobs and fellowships in Europe are published at the **EURAXESS** website: <http://ec.europa.eu/euraxess/>