

WS2: Special Session on “Introduction of Nanotechnology into industrial production lines”

Chair: *Elodie Bugnicourt - ebugnicourt@iris.cat*

15:30-16:30 OptiNanoPro: Processing and control of novel nanomaterials in packaging, automotive and solar panel processing lines

-Novel electrohydrodynamic processes to deposit nanoparticles for surface tailoring

Speaker: Amparo Verdú. Bioinicia, R&D Project Manager
averdu@bioinicia.com

- Self cleaning coating for the OPV sector

Speaker: Pavel Schilinsky. OPVIUS GmbH, R&D Technical Manager
pavel.schilinsky@opvius.com

-The potential of nanomaterials in the production of barrier and easy emptying coating for the packaging sector

Speaker: Urška Sušnik Pivk. Lajovic Tuba d.o.o. Project and Trade Service Manager
urska.susnik-pivk@tuba.si

-Inline monitoring of nanostructured coatings in industrial production lines

Speaker: Dr. Séverine Philippe, IRIS Technology Group
severine.philippe@iris.cat

16:20-16:50 IZADI-Nano2Industry: Injection moulding, casting and coating PILOTS for the production of improved components with nano materials for automotive, construction and agricultural machinery.

-Coating by Thermal Spraying -sector: hydraulic motors and machinery

Speaker: Ph D. María Parco. Tecnalía, Izadi-Nano2IndustryTribonano Pilot
maria.parco@tecnalia.com

-Compounding of polymer materials and nanotexturing of the mould -sector: Automotive

Speaker: Ph D. Cristina Elizetxea. Tecnalía, Izadi-Nano2Industry Project
cristina.elizetxea@tecnalia.com

16:50-17:10 PROCETS: PROtective composite Coatings via Electrodeposition and Thermal Spraying

-Nano-reinforced Coating by electroplating and **electroless** plating - sector Automotive & Mechanical Tools

Speaker: Ph D. Luca Magagnin. Politecnico di Milano, Associate Professor of Surface Engineering and Materials for Electronics

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17:10-17:30 Nanosafety issues at industrial production lines

-Safe-by-design approaches in the development of nanomaterials and their applications

Speaker: Dr. Ana Rita Alberto. ISQ Group, Researcher

arsoares@isq.pt

-Nanosafety assessment at workplaces

Speaker: Dr Steve Hankin. IOM, Director of Analytical Division Steve Hankin

Steve.Hankin@iom-world.org

17:30-17:45 EPPN: European Network for Pilot Production Facilities

Pilot opportunities for the introduction of Nanotechnologies in production lines

Speaker: Dr. Alvise Bianchin. MBN nanomaterialia

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