

JOINT WORKSHOP OPTINANOPRO-IZADI-PROCETS-EPPN

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

Chair: *Elodie Bugnicourt, IRIS Technology Group*

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

- Self cleaning coating for the OPV sector

Speaker: Sebastian B. Meier. OPVIUS GmbH, R&D Technical Manager

-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

-Inline monitoring of nanostructured coatings in industrial production lines

Speaker: Dr. Séverine Philippe, IRIS Technology Group

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. Tecnalia, Izadi-Nano2IndustryTribonano Pilot

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

Speaker: Ph D. Cristina Elizetxea. Tecnalia, Izadi-Nano2Industry Project

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

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

-Nanosafety assessment at workplaces

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

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

Pilot opportunities for the introduction on Nanotechnologies in production lines

Speaker: Dr. Alvise Bianchin. MBN nanomaterialia S.p.A.