



# EUROPEAN SYMPOSIUM ON Surface Science



*3<sup>rd</sup> Edition*

*Organized by*

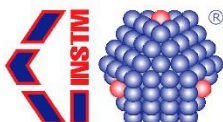


*European Association of Material  
Surfaces Science & Technology*

## *Programme*

*October 17-19, 2018  
Nice (France)*

*Sponsored by*



*National Interuniversity Consortium  
of Materials Science and Technology*

17/10/2018

	11:00-13:00	<b>Registration</b>
	13:00-14:30	<b>Lunch break</b>
	14:30-15:00	<b>Opening Ceremony &amp; Welcome Addresses</b> L. MAZZOLA (President of EMASST)
		<i>Chairman of morning session – L. Coriand</i>
NANOTECHNOLOGY AND NANOMATERIALS	15:00-15:30	<b>The organic chemistry of graphene oxide: en route to application</b> A.M. GRAVAGNUOLO (University of Manchester)
	15:30-16:00	<b>TiO<sub>2</sub> based surface treatments for the conservation and the protection of cultural heritage</b> M. PEDEFERRI (Politecnico di Milano)
	16:00-16:30	<b>Coffee-break</b>
	16:30-17:00	<b>VicInAqua project: development of self-cleaning and anti-biofouling membranes for wastewater treatment</b> A. FIGOLI (ITM-CNR)
	17:00-18:00	<b>EMASST General Assembly (only for members)</b>

18/10/2010

ADVANCED MANUFACTURING, PROCESSING AND CHARACTERIZATIONS.	9:45-10:00	Opening of the 2 <sup>nd</sup> day <i>Chairman of morning session – N. Carmona</i> <i>Chairman of afternoon session – D. Liguori</i>
	10:00-10:30	<b>Impact of environmental parameters on hydrophobicity of micro- and nanostructured surfaces</b> G. BRUNO (CIRA - Italian Aerospace Research Centre)
	10:30-11:00	<b>Micromechanical modeling of Woven Composite</b> F. M H ALIABADI ( Imperial College of South Kensington)
	11:00-11:30	<b>Coffee-break</b>
	11:30-12:00	<b>Application of Atmospheric pressure plasma technologies for deposition of thin functional films</b> S. GERULLIS (INNOVENT e.V. Technology Development)
	12:00-12:30	<b>In-situ characterization of functional surface properties using light scattering methods</b> N. FELDE (Fraunhofer Institute for Applied Optics and Precision Engineering)
	12:30-13:00	<b>Combined Roughness and Functional Analysis of Biomaterials</b> L. CORIAND (Fraunhofer Institute for Applied Optics and Precision Engineering)
	13:00-14:30	<b>Lunch</b>
SMART COATINGS AND SURFACE MODIFICATION	15:00-15:30	<b>Smart amphiphobic surfaces toward industrial applications</b> M. MANNSBERGER (Thermo M. BLOSI (ISTEC-CNR)
	15:30-16:00	<b>Advancement on a new multifunctional anti-icing systems for aeronautical applications</b> L. MAZZOLA (CIRA - Italian Aerospace Research Centre)
	16:00-16:30	<b>Coffee-break</b>
	16:30-17:00	<b>Anti-ice coatings for components operating in severe ambient conditions</b> N.CARMONA (Universidad Complutense de Madrid)
	17:00-17:30	<b>Nanostructured and Nanocomposite Coatings Obtained by Electroless Deposition Technique</b> G. PULCI ( Sapienza University of Rome )
	17:30-18:00	<b>Discussion (end 12<sup>nd</sup> day)</b>
	20:30	<b>GALA DINNER at WESTMINSTER HOTEL</b>

19/10/2018

SMART CITIES, HEALTH AND WELL- BEING	9:45-10:00	Opening of the 3 <sup>rd</sup> day <i>Chairman of session – F. Marra</i>
	10:00-10:30	<b>Environmentally and consumer friendly construction materials-Heterogeneous photo-catalysis as a tool for the elimination of environmental pollutants</b> D. KOTZIAS (Form.Sen. Official of the European Commission's Joint Research Centre)
	10:30-11:00	<b>Bladder cancer: influence of indoor chemical materials</b> M. DI PLACIDO (EMASST)
	11:00-11:30	<b>Coffee-break</b>
	11:30-12:00	<b>Replacing formaldehyde resins used in wood industry with environmentally friendly adhesives based on vegetable proteins: the FREEFORES Project</b> B. GROSSI (IVALSA-CNR)
	12:00-12:30	<b>Replacing formaldehyde resin in wood industry with new adhesives based on Si-Al geopolymers: the FREEFORES Project</b> P. CICCIOLO (IMC-CNR)
	12:30-14:30	<b>Lunch break</b>
	14:30-15:00	<b>EMASST Award ceremony</b> <b>Closing of the congress</b>