

 **EUROPEAN SYMPOSIUM ON**
Surface Science



3rd Edition

Organized by

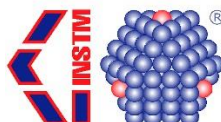


*European Association of Material
Surfaces Science & Technology*

Final Programme

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

Sponsored by



*National Interuniversity Consortium
of Materials Science and Technology*

17/10/2018

	11:00-13:00	Registration
	13:00-14:30	Lunch break
	14:30-15:00	Opening Ceremony & Welcome Addresses L. MAZZOLA (President of EMASST)
		<i>Chairman of morning session – L. Coriand</i>
NANOTECHNOLOGY AND NANOMATERIALS	15:00-15:30	The organic chemistry of graphene oxide: en route to application A.M. GRAVAGNUOLO (University of Manchester)
	15:30-16:00	TiO₂ based surface treatments for the conservation and the protection of cultural heritage M. PEDEFERRI (Politecnico di Milano)
	16:00-16:30	Coffee-break
	16:30-17:00	VicInAqua project: development of self-cleaning and anti-biofouling membranes for wastewater treatment A. FIGOLI (ITM-CNR)
	17:00-18:00	EMASST General Assembly (only for members)

18/10/2010

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

19/10/2018

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