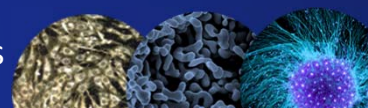




BIONAM2019

3rd International Conference on Bio and Nanomaterials



	Sept 29 th	Sept 30 th	Oct 1 st	Oct 2 nd
	Genoa 5:00 PM	Marseille 8:00 AM - 4:00 PM	Ibiza 10:00 AM - 6:00 PM	Barcelona 7:00 AM - 1:00 PM
15:00		<p>Greetings and introduction to BIONAM 2019</p> <p>Stefano Piotto</p>	<p>Keynote</p> <p>Stefano Leoni</p> <p><i>School of Chemistry Cardiff University</i></p> <p>Harvesting Free Energy Landscapes in Biological Systems</p>	<p>Keynote</p> <p>Marco Midulla</p> <p><i>Dpt. of Diagnostic Imaging and Image-guided therapies Université de Bourgogne</i></p> <p>Technology-based therapeutic solutions in mini-invasive patients care</p>
15:15				
15:35		<p>Keynote</p> <p>Luisa Torsi</p> <p><i>Dpt. of Chemistry University of Bari Aldo Moro</i></p> <p>Single-molecule sensing of biomarkers</p>	<p>Inna Kurganskaya</p> <p><i>Faculty 05: Geosciences University of Bremen</i></p> <p>Kinetic Monte Carlo simulations of mineral surface reactions: application to biogenic nano-materials</p>	<p>George Mihail Vlăsceanu</p> <p><i>Advanced Polymer Materials Group University Politehnica of Bucharest</i></p> <p>Novel graphene oxide reinforced biopolymer blend films for bone tissue engineering</p>
15:50		<p>Michele Fiore</p> <p><i>Inst. de Chimie et Biochimie Moléculaires et Supramoléculaires University Claude Bernard Lyon 1</i></p> <p>Growth and Division Processes using Microsphere-Supported Phospholipidic Giant Vesicles</p>	<p>Francesco Marrafino</p> <p><i>Dpt. of Pharmacy University of Salerno</i></p> <p>Superhydrophobic coatings and Artificial Neural Networks: design, development, and optimization</p>	<p>Fabio Mavelli</p> <p><i>Dpt. of Chemistry University of Bari Aldo Moro</i></p> <p>Novel strategies in synthetic biology for the construction of artificial cells</p>
16:05		<p>Pasquale Del Gaudio</p> <p><i>Dpt. of Pharmacy University of Salerno</i></p> <p>In situ gelling composite submicrometric particles: a novel weapon to improve wound care armamentarium</p>	<p>Jüri Majak</p> <p><i>Dpt. of Mechanical and Industrial Engineering Tallinn University of Technology</i></p> <p>Higher-Order Haar Wavelet Method. Application to bio and nanostructures</p>	<p>Emiliano Altamura</p> <p><i>Dpt. of Chemistry University of Bari Aldo Moro</i></p> <p>Assembling and Optimizing Artificial Simplified Autotrophic Protocells (ASAPs) by means of hybrid photo-redox system</p>
16:20		break	break	break
16:35		<p>Marc Baaden</p> <p><i>Laboratoire de Biochimie Théorique Univ de Paris, PSL Research University</i></p> <p>Designing and understanding artificial water channels - from classical molecular modeling to virtual reality</p>	<p>Petre Savescu</p> <p><i>Dpt. Agricultural and Forestry Technology University of Craiova</i></p> <p>Study on the use of biomaterials as protective membranes for certain functional foods</p>	<p>Paola Albanese</p> <p><i>Dpt. of Chemistry University of Bari Aldo Moro</i></p> <p>Assembling Artificial Simplified Autotrophic Protocells (ASAPs) by a multi-compartment hybrid approach</p>
16:50		<p>Nadjet Dehouche</p> <p><i>Dpt. Génie des Procédés Université de Bejaia</i></p> <p>Investigation on Morphology and thermal Stability of Compatibilized PHBV/PBS/Halloysite Nanotubes Bionanocomposites</p>	<p>Serdal Kirmizialtin</p> <p><i>Chemistry Program New York University Abu Dhabi</i></p> <p>Exploring the ion mediated DNA interactions and conformations using simulations</p>	<p>Concetta Pironti</p> <p><i>Dpt. of Chemistry and Biology Adolfo Zambelli University of Salerno</i></p> <p>Investigation of bio-based surfactants in commercial formulations by stable carbon isotope ratio.</p>

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17:05		<p>Serena Danti <i>Dpt. of Civil and Industrial Engineering University of Pisa</i></p> <p>Instructive Scaffolds for Ear Surgery Application</p>	<p>Iolanda De Marco <i>Dpt. of Industrial Engineering University of Salerno</i></p> <p>Oral Fast and Topical Controlled Ketoprofen Release through Supercritical Fluids Based Processes</p>	<p>Ilaria Clemente <i>Dpt. of Chemistry Ugo Schiff University of Florence</i></p> <p>Eco-friendly lipid nanoformulations: toward greener alternatives for organic extraction solvents</p>
17:20		<p>Mike Geven <i>IIT Central Research Labs Genova</i></p> <p>Restructuring on the surface of nanomanufactured nanoparticles</p>	<p>Gaetano Scamarco <i>Dpt. of Physics University of Bari Aldo Moro</i></p> <p>Bio-functionalized transistor gate surfaces for single molecule sensing</p>	<p>Oriana Motta <i>Dpt. of Medicine, Surgery and Dentistry University of Salerno</i></p> <p>Improving traceability and authenticity in food sample isotope analysis through innovative comparison of IRMS, NDIRS and Infrared Spectroscopy</p>
17:35	Registration	break	break	break
17:45		<p>Margarita Sanchez Dominguez <i>Centro de Investigación en Materiales Avanzados, Monterrey</i></p> <p>Pt, PtCo and PtNi hierarchical superstructures synthesized in bicontinuous microemulsions by chemical reduction and electrodeposition</p>	<p>Lorella Izzo <i>Dpt. of Biotechnol & Sci Vita University of Insubria</i></p> <p>Controlling Drug Release from a pH-sensitive polymer matrix</p>	<p>Carlos Mota <i>Fac. Health, Medicine and Life Sciences Maastricht University</i></p> <p>Biofabrication strategies: from additive manufacturing to bioprinting of tissue and organs</p>
18:00		<p>Oleh Shpotyuk <i>Inst. of Physics of Jan Dlugosz University in Czestochowa</i></p> <p>Multifunctional nanoparticulate As4S4-based composites with anticancer activity characterized by annihilating positrons</p>	<p>Maria Ricciardi <i>Dpt. of Chemistry and Biology University of Salerno</i></p> <p>Bio-based polymers for sodium-ion batteries</p>	<p>Irene Izzo <i>Dpt. of Chemistry and Biology University of Salerno</i></p> <p>Cyclic peptoids versatile scaffolds for new bioinspired materials</p>
18:15		<p>Lucia Baldino <i>Dpt. of Industrial Engineering University of Salerno</i></p> <p>Supercritical assisted electrospray for the production of controlled size PVP microparticles</p>	<p>Lucia Sessa <i>Dpt. of Pharmacy University of Salerno</i></p> <p>Molecular Dynamics Simulation of Antimicrobial Permeable PVC-Based Films</p>	<p>Federico Rossi <i>Dpt. of Earth, Environmental and Physical Sciences University of Siena</i></p> <p>Self-division dynamics in pH-sensitive mixed giant vesicles</p>
18:30		<p>Sara Falsini <i>Dpt. of Biology University of Florence</i></p> <p>Green Surfactant for VOCs remediation: structural characterization</p>	<p>Rosita Diana <i>Dpt. of Agriculture University of Napoli Federico II</i></p> <p>Solvatochromic probes for the study of lipid membrane</p>	Concluding remarks

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