

NART 2019 program - Main sessions

19th September 2019			
9:00 – 11:30 Morning session	Keynote Speech 9:00 - 9:40	Andreas Greiner, University of Bayreuth, Germany	Mesostructured biomimetic nanofiber nonwovens top-down combined with bottom-Up
	9:40 - 10:05	Muhammad Tayyab Noman, Technical University of Liberec Czech Republic	Synthesis and application of nano crystalline anatase TiO ₂
	10:05 - 10:30	Branko Neral, University of Maribor, Slovenia	Dye adsorption efficiency of surface functionalised cellulose nanofibrils during a household textile laundering
	10:30 - 10:55	Christian Adlhart, ZHAW Zurich University of Applied Sciences, Switzerland	The potential of 3D nanofiber architectures in filtration and separation applications
	10:55 - 11:20	Radim Křenek, Elmarco s.r.o., Czech Republic	Optical analysis of needle-free electrospinning process on a wire electrode
Lunch Break			
12:20 – 14:40 Afternoon session	Keynote Speech 12:20 - 13:00	Luciano F. Boesel, Empa, Swiss Federal Laboratories for Materials Testing and Research, Switzerland	Smart Textiles for Health Monitoring and Drug Delivery
	13:00 - 13:25	Martin Kormunda, University J.E. Purkyně in Ústí nad Labem, Czech Republic	XPS study of functionalized nanofibers and membranes with antibacterial functionalities
	13:25 - 13:50	Hatice Ibili, Gaziantep University, Turkey	Investigation of Superhydrophobic and Antibacterial Surfaces' Formation via Electrohydrodynamic Atomization (Electrospraying) and Padding Methods
	13:50 - 14:15	Dana Křemenáková, Technical University of Liberec, Czech Republic	Multifunctional Effects of Copper/Nickel Nano Coated Lightweight Nonwovens
	14:15 - 14:40	Haoqing Hou, Jiangxi Normal University, China	Mass Production of Electrospun Polyimide Nanofibers for Li-Ion Battery Separators, Textiles and Protective Clothing
Coffee Break			
15:00 – 17:20 Session	Keynote Speech 15:00 - 15:40	María L. Auad, Auburn University, USA	Polymers for Advanced Applications: from controlled chemistry to unique properties
	15:40 - 16:05	Seema Agarwal, University of Bayreuth, Germany	Electrospun nonwovens in organic catalysis
	16:05 - 16:30	Hana Křížová, Technical University of Liberec Czech Republic	Plasma prepared silica nanolayer as the anticorrosive protection of conductive copper surface on PES nonwoven
	16:30 - 16:55	Moaz Eideeb, Mansoura University, Egypt	Optimization of Solution Blow Nano Spinning Process Using Numerical Simulation
	16:55-17:20	Jakub Wiener, Technical University of Liberec Czech Republic	Structures containing PCM and nanofibers