

Sustainable Materials for Advanced Applications

DAY 2 – 10 <sup>th</sup> June					
Submission ID	Authors	Title	Organization		
267	Riza Atav and Abbas Yurdakul	EFFECTS OF FIXING AGENTS ON FASTNESS PROPERTIES OF ANGORA FIBERS DYED WITH LEVELING ACID DYES	Namik Kemal University, TURKEY		
50	Maria Cristina Gonçalves, Catarina Beatriz Ferreira, F. A. Almeida Paz and Vérónica de Zea Bermudez	CALCIUM CARBONATE GROWTH CONTROLLED BY CHITIN AND IONIC LIQUIDS	University of Trás-os-Montes e Alto Douro, PORTUGAL		
70	Mitesh Panchal and S. Upadhyay	SINGLE WALLED BORON NITRIDE NANOTUBE BASED MASS SENSING	Indian Institute of Technology, Roorkee, INDIA		
138	Andre Pereira, Judith Feitosa, Men Souza Filha, Ana Cassales, João Morais, Ana Brígida and Morsyleide Rosa	CHEMICAL CHARACTERIZATION OF BANANA PSEUDOSTEM FRACTIONS	Federal University of Ceará, BRAZIL		
158	Laetitia Marrot, Anaele Lefeuvre, Bruno Pontoire, Alain Bourmaud and Christophe Baley	SOME KEYS TO EXPLAIN THE SCATTER AND LOW MECHANICAL PERFORMANCES OF HEMP FIBERS	University of Bretagne-Sud, FRANCE		
176	Nicola Everitt, Nesma Aboulkhair and Mike Clifford	LOOKING FOR LINKS BETWEEN NATURAL FIBRES' STRUCTURE AND THEIR PHYSICAL PROPERTIES	The University of Nottingham, UNITED KINGDOM		
224	Júlia Baruque-Ramos, Osny Aguiar, Cristina Santiago, Bárbara Guimarães, Welton Zonatti, Waldir Mantovani, Cátia Relvas, Fernando Cunha and Raul Fangueiro	PHYSICOCHEMICAL PROPERTIES OF TEXTILE FIBERS FROM BRAZILIAN ATLANTIC FOREST SPECIES	University of São Paulo, BRAZIL		
239	Florian Matoia, Pierre Dumont, Laurent Orgéas and Mohamed Belgacem	SHEAR RHEOLOGY OF CELLULOSE MICROFIBRIL SUSPENSIONS	Polytechnic Institute of Grenoble, FRANCE		













2







			[]
266	Rasiah Ladchumanananda sivam, José Heriberto and Juliana Pimentel	CARACTERIZATION AND ANALYSIS OF THE PROPERTIES OF MACAMBIRA FIBER (BROMELIA LACINIOSA).	Federal University of Rio Grande do Norte, BRAZIL
66	Ayman El-Wahab, Adel El- Shabasy and Mohammed El-Latif	EFFECT OF CHEMICAL TREATMENT FOR NATURAL FIBERS ON THE MECHANICAL PROPERTIES OF POLYPROPYLENE COMPOSITES	Ain Shams University, EGYPT
53	Issam Qamhia and Rani El-Hajjar	PROCESSING OF NANOCELLULOSE SCAFFOLDS FOR INCREASED FIBER CONTENT THERMOSETTING COMPOSITES	University of Wisconsin, UNITED STATES OF AMERICA
186	Mark Staiger and Pablo Lepe	ON THE ELECTROSPINNABILITY OF SACCHARIDE FIBRES	University of Canterbury, NEW ZEALAND
272	Nick Tucker, Jon Stanger, Hussan Razzaq, Mark Staiger and Kathleen Hofman	THE HISTORY OF THE SCIENCE AND TECHNOLOGY OF ELECTROSPINNING FROM 1600 TO 1995	The New Zealand Institute for Plant and Food Research, NEW ZEALAND
172	Izabella Krucińska, Eulalia Gliścińska, Marina Michalak, Janusz Kazimierczak, Arkadiusz Bloda and Danuta Ciechańska	THE INFLUENCE OF CELLULOSE SUBMICROFIBRES REINFORCEMENT ON THE SOUND ABSORPTION BEHAVIOR OF THERMOPLASTIC COMPOSITES	Lodz University of Technology, POLAND
210	Monise Ramos da Silva, Leila Aparecida de castro Motta, Jesiel Cunha and Lauren Karoline de Sousa	THE MECHANICAL ANALYSIS OF SANDWICH PANEL WITH NATURAL FIBERS USED AS CEILING	Federal University of Uberlândia, BRAZIL
229	Lauren Karoline Sousa, Leila Motta, Lorena Silva and Monise Ramos Silva	MECHANICAL PROPERTIES OF RAMIE REINFORCED CASTOR OIL POLYURETHANE COMPOSITES	Federal University of Uberlândia, BRAZIL
230	Lauren Karoline Sousa, Leila Motta and Monise Ramos Silva	PRODUCTION AND MECHANICAL CHARACTERIZATION OF CASTOR OIL POLYURETHANE COMPOSITES REINFORCED WITH SISAL FIBERS	Federal University of Uberlândia, BRAZIL















Sustainable Materials for Aduanced Applications

















Sustainable Materials for Advanced Applications



119	Ana Rita Campos, Flora Barbosa, Raquel Ledo, Vanessa Ventosinos, Francisco Pedras and Gonzalo Pinero	BOOSTING THE USE OF FOREST RESOURCES IN THE AUTOMOTIVE INDUSTRY	Pole for Innovation in Polymer Engineering, PORTUGAL
146	Meriem Kaid Harche	INVENTORY OF SPONTANEOUS FIBRES PLANTS IN ALGERIA	University of Sciences and Technology Oran Mohamed Boudiaf, ALGERIA
187	Thamara Brehm and Denise Silva	LAMPS DEVELOPED FROM POLYESTER AND PEACH PALM FIBERS (BACTRIS GASIPAES H.B.K.) COMPOSITE: A DESIGN STUDY	University of Joinville Region, BRAZIL
161	Lavínnia Seabra and Régis Puppin;	CASE: OSKLEN: PRODUCTS AND SUSTAINABLE PRACTICES	University of Brasília, BRAZIL
260	Clecio de Lacerda	AN ANALYSES ON THE BIOMIMETIC ANALOGIES USES OF NATURAL FIBERS IN STRUCTURAL PRODUCTS IN REINFORCEMENTS, AND COATINGS	University of Minho, PORTUGAL
98	Jung-min Lee, Sung-hoon Kim, Na-rang Ahn, Hyun- gyoo Roh and Jong-shin Park	PREPARATION AND CHARACTERIZATION OF POLYURETHANE FOAM USING PLA/PEG AS POLYOLS	Seoul National University, KOREA
190	Grażyna Silska	CHARACTERISTICS OF THE GENETIC RESOURCES OF FLAX MAINTAINED IN POLAND, WHICH WAS ORIGINALLY COLLECTED OR BRED IN PORTUGAL - PASSPORT DESCRIPTORS, MORPHOLOGICAL, BIOLOGICAL AND AGRONOMIC CHARACTERS DESCRIPTORS	Institute of Natural Fibres & Medicinal Plants, POLAND











