Scientific Program

Registrations
08:30-09:15

PULSUS
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Opening Ceremony
09:15-09:30

Day 1: July 22, 2019

Conference Hall: Olimpica 1

Introduction

Keynote Forum

09:30-10:10

Title: Are economic tools preferable to direct regulatory measures in achieving environmental goals?

Doron Lavee, Pareto group Ltd, Israel

10:10-10:50

Title: Manufacturing Nano-rods, nano-wires, 3D net shaped nanocrystlline products by one-step high speed turbulent electrolyte flow

Mohammad Hussain, Birmingham City University, UK

Refreshments and Networking Break 10:50-11:10 @ Foyer

11:10 - 11:50

Title: Exploitation of mineral waste fine fraction to produce cultivable substrates to use for land rehabilitation

Giovanna Antonella Dino, University of Torino, Italy

11:50-12:30

Title: Nanowires and Nano-enhanced Properties: What Proofs are Definitive?

Virginia M Ayres, Michigan State University, USA

12:30-13:10

Title: Biodegradation of low and high-density polyethylene by selected microorganism

Padma Singh, Gurukul Kangri University, India

Lunch Break 13:10-14:10 @ Hotel Restaurants

14:10-14:50

Title: Low adhesive surfaces to non-toxic control of marine biofouling

Todorka Vladkova, University of Chemical Technology and Metallurgy, Bulgaria

14:50-15:30

Title: Migration of biobased plastic from biodegradable polyester and thermoplastic starch

Busarin Chongcharoenyanon, Kasetsart University, Thailand

Session Introduction: Material Science and Engineering | Plastic Recycling | Bio Materials | Reduce Reuse and Recycle | Rubber Recycling

Session Chair: Busarin Chongcharoenyanon, Kasetsart University, Thailand
Session Co - Chair: Giovanna Antonella Dino, University of Torino, Italy

15:30-16:00

Title: Thin-film membranes made from rice straw nanofibers isolated from high-lignin neutral sulfite pulp and bleached sulfite pulp

Mohammad Hassan, National Research Centre, Egypt

Refreshments and Networking Break 16:00-16:20 @ Foyer

16:20-16:50

Title: Exploring the determinants factors of recycling rate: An analysis for the plastic waste in Tunisia

Lamia Ben Amor, University of Sfax, Tunisia

16:50-17:20

Title: Mimic of collagens properties by creating sacrificial bonds on synthetic polymer

Sadia Radji, University of Pau and Pays de l'Adour, France

17:20-17:50

Title: A modelling approach to deal with the particulate matter pollutants: Filtration of diesel soot and suspensions

Nadezhda V Vernikovskaya, Boreskov Institute of Catalysis SB RAS, Russia

17:50-18:20

Title: High performance supercapacitor based on layerd polypyrrole/graphene oxide on polypyrrole/manganese oxide

Yusran Sulaiman, Universiti Putra Malaysia, Malaysia

18:20-18:50

Title: Effect of gamma-radiation on thermal ageing of butyl rubber compounds

Sandra Regina Scagliusi Martin, University of São Paulo, Brazil

Poster Presentations

18:50-19:00

Title: Magnetron Co-sputtered TiO_2/SiO_2/Ag thin Coatings Inhibiting Bacterial Adhesion and Biofilm Formation

Todorka Gancheva Vladkova, University of Chemical Technology and Metallurgy, Bulgaria

B2B Meetings & Panel Discussions

Awards & Closing Ceremony