

scientific program

7th International Conference on

Smart Materials and Sustainable Technologies

April 08-09, 2019 | Toronto, Canada



CONFERENCE SERIES

47 Churchfield Road
W3 6AY, London, UK
For Queries: +44-800-014-8923

Day 1 | April 08, 2019

08:00-08:30 Registrations

08:30-09:00 Opening Ceremony

KEYNOTE FORUM

09:00-09:45

Title: Optoelectronic diffusion waves in semiconductors: carrier lifetime chronotomography imaging of Si solar cells

Andreas Mandelis, University of Toronto, Canada

09:45-10:30

Title: Sustainable energy systems with energy storage technology

Rajesh Karki, University of Saskatchewan, Canada

Panel Discussion

Group photo 10:30-10:40

Networking & Refreshment Break 10:40-11:00

Sessions

Smart Structures | Architecture and Civil Engineering | Smart Materials in Industrial Application | Smart Biomaterials and Medical Devices | Materials for Energy Conversion and Storage Devices | New Concepts and Innovations

Chair: **Gulfam Nasar**, Balochistan University of Information Technology, Pakistan

11:00-11:35

Title: Wheat Bran fiber as resources for industries

Khwaja G Hossain, Mayville State University, USA

11:35-12:10

Title: Effects of porosity distribution on the properties of multifunctional foam structures

Krishna S. Challagulla, Laurentian University, Canada

12:10-12:45

Title: Eco-friendly nanomaterials for flexible sensors, optoelectronics and solar energy harvesting

Xihua Wang, University of Alberta, Canada

Panel Discussion

Lunch Break 12:45-13:45

13:45-14:20

Title: Carbon based smart organic devices and bio-product derived sustainable technology application

Ravi Prakash, Carleton University, Canada

14:20-14:55	Title: Robust sustainable infrastructure using smart materials and technologies
	Khandaker M. Anwar Hossain , Ryerson University, Canada
14:55-15:30	Title: Enhancing construction project management using web based application
	Salahuddin Jameel Al Saih , ISRA University, Jordan
Core discussion between Delegates and Speakers on "Latest materials researches or any novel ideas to be implemented or executed industrially for innovations in technology" (15:30-16:00)	
Day 1 Award Ceremony 16:00-16:10	
Networking & Refreshment Break 16:10-16:30	
Day 1 Concludes...	
Day 2 April 09, 2019	
KEYNOTE FORUM	
09:00-09:45	Title: A smart solution to smart cities: An advanced traveler general information system
	Omid M. Rouhani , McGill University, Canada
09:45-10:30	Title: Single crystal silicon nanomembrane molecular sieves
	Gokul Gopalakrishnan , University of Wisconsin, USA
Panel Discussion	Group photo 10:30-10:40
Networking & Refreshment Break 10:40-11:00	
Sessions	Metallurgy and Materials Science Smart Materials in Industrial Application Environmental Technology Sustainable Technologies Nanomaterials, Nanotechnology and Sensors Materials Chemistry
	Chair: Gulfam Nasar , Balochistan University of Information Technology, Pakistan
11:00-11:35	Title: Verification of propranolol synthesis on catalyzed platinum based on alumina
	Shahab Khameneh Asl , University of Tabriz, Iran

11:35-12:10	Title: Mechatronic design and modeling of fluid power system in cold rolling mills
	Ali Jafari , Qazvin Islamic Azad University, Iran
12:10-12:45	Title: Model development for process control of the enhanced In-Situ Bioremediation (ISB) in superfund sites
	Samuel Oludayo Alamu , Morgan State University, USA
Panel Discussion	Lunch Break 12:45-13:45
13:45-14:20	Title: Magnesium ferrite/polyvinyl alcohol (PVA) nanocomposites: fabrication and characterization
	Gulfam Nasar , Balochistan University of Information Technology, Pakistan
VIDEO PRESENTATIONS	
14:20-14:40	Title: Ab initio study of polytypism in ZnS, ZnSe and ZnTe
	Akinola Samson Olayinka , Edo University, Iyamho, Nigeria
14:40-15:00	Title: Eco design of integrate system of drying and seperating of olive residues in olive oil industries
	Abdellatif Lajdel , University of Hassan II Casablanca, Morocco
15:00-15:20	Title: Biopolymers-based active edible coatings to improve quality and safety of food products
	Elena Poverenov , Agricultural Research Organization The Volcani Center, Israel
Day 2 Award Ceremony 15:20-15:30	
Networking & Refreshment Break 15:30-16:00	
Day 2 Concludes...	

