7th International Conference on

SMART MATERIALS AND SUSTAINABLE TECHNOLOGIES

April 08-09, 2019 | Toronto, Ontario, Canada

Tentative Program

Day 1 April 08, 2019

08:00-08:30	**Registrations**
08:30-9:00	**Opening Ceremony**
	Keynote Forum
9:00-09:45	**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 and Refreshment Break 10:40-11:00
	Speaker Session
	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
	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 sustainbale 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)
	Coffee Break 16:10-16:30
	Day 1 Concludes...

Day 2 April 09, 2019	
Keynote Forum	
9:00-09:45	**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 and Refreshment Break 10:40-11:00	
Speaker Session	
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 propranologenesis 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
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:** Chemical looping combustion and gasification technologies for production of heat and valuable commodities
	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, Chouaib Doukkali University, 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)	
Coffee Break 15:30-16:00	
Day 2 Concludes…	
****Note: Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this Program are subject to change**	