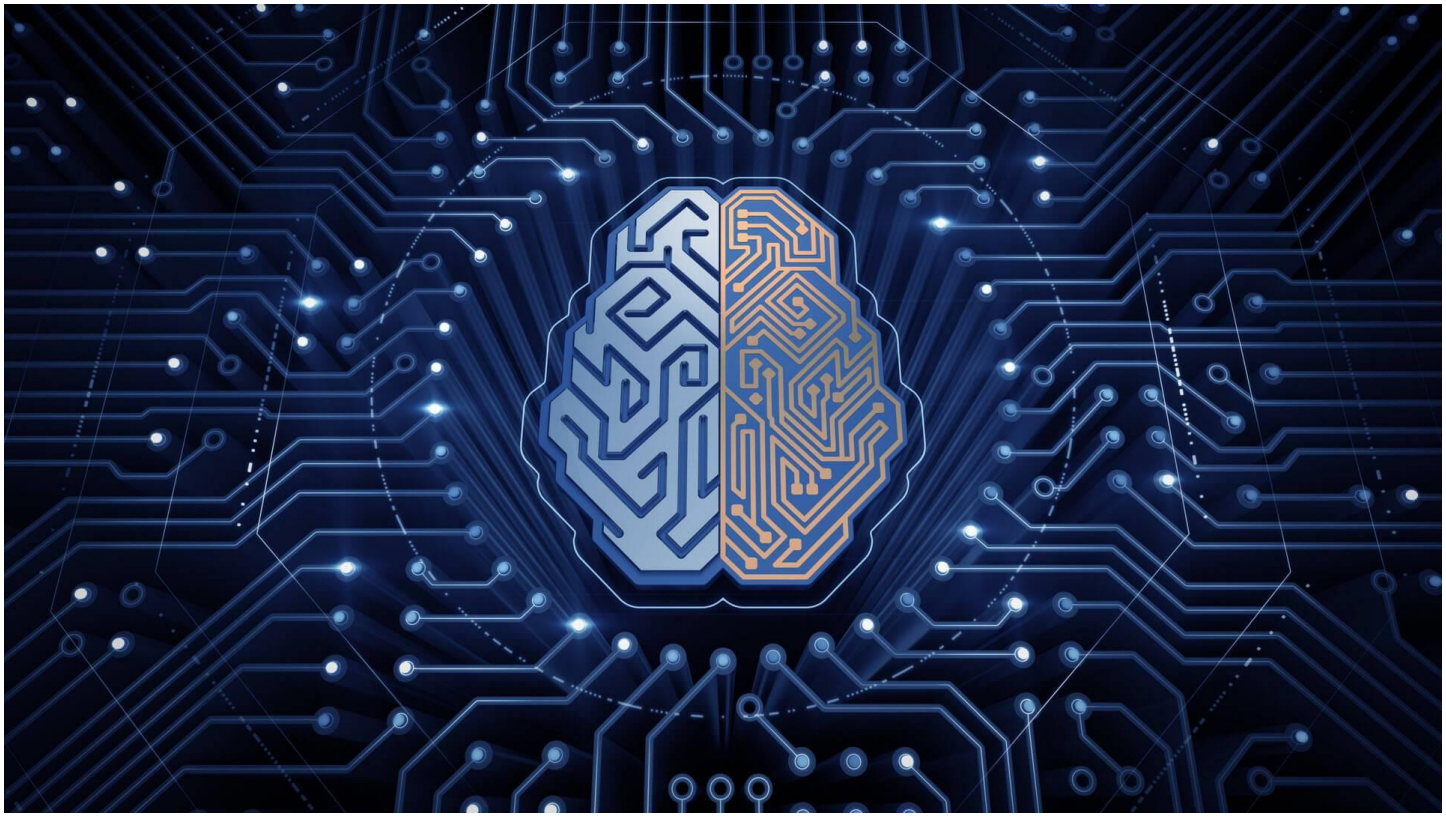
5th International Conference on

Materials Science & Technology

April 18-19, 2019 | Vancouver, Canada



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Materials Technology 2019 Agenda	
Day 1 April 18, 2019	
09:00-09:30	Registration
10:00-10:10	Introduction by Moderator
Keynote Forum	
10:10-10:40	Title: An overview of the structure and magnetism of inverse spinel ferrite with hexagonal carbonic materials prepared by chemical synthesis
	Himanshu Verma, Nicholls State University, USA
Networking & Refreshment Break, 10:40-11:00	
11:00-11:30	Title : Hybrid nanostructures: Rational design for energy and biomedical applications
	Dongling Ma, National Institute of Scientific Research, Canada
11:30-12:00	Title: Compatible deformation and ductility of magnesium
	Yan Huang, Brunel University, UK
Oral Session I	
12:00-12:20	Title: Directed Self-Assembly of hierarchical block copolymer superstructures
	Richard J Spontak, North Carolina State University, USA
12:20-12:40	Title: DFT investigation about magneto-electric coupling of *ANiO3* (*A = Ti, Ge, Zr, Sn, Hf and Pb)* materials
	Sergio Ricardo De Lazaro, State University of Ponta Grossa, Brazil
12:40-13:00	Title: Research of *Mg-Nd-Zn-Zr* alloys combining with *Gadolinium* for medical applications
	Fatturrachman A. Farhan, Indonesian Education University, Indonesia
Group Photo 13:00-13:15	
Lunch Break, 13:15-14:00	
14:00-14:20	Title: Using of carbon/lignin biocomposite as recyclable sorbent in-situ for elimination of *VOC*s from oily wastewaters
	Y. M. M. Moustafa, Egyptian Petroleum Research Institute, Egypt
14:20-14:40	Title: Application of finite element analysis in a new proposes test bench chain design
	Abimbola O Aniki, Vaal University of Technology, South Africa
14:40-15:00	Title: Isoniazid-oleanolic acid co-crystal system: Synthesis, anti-*TB* and toxicological effect on the human e*mbryonic* kidney *(HEK293*) and human *hepatocellular carcinoma* (*HepG2*) cell lines
	Victor O Fadipe, Federal Ministry of Science and Technology, Nigeria
15:00-15:20	Title: A triazol containing *Uio*-type metal-organic framework as highly efficient *CO2* capture and catalytic conversion
	Pouria Zarshenas, Shahid Beheshti University, Iran
15:20-15:40	Title: Flexible plasmonics: a way to integrate strain monitoring into matter
	Thomas Maurer, University of Technology of Troyes, France
15:40-16:00	Title: Development of thin film nanocomposite (*TFN*) membranes with cellulose nanocrystals (*CNC*): An overview of research needs
	A. Adeniyi, Tshwane University of Technology, South Africa
Networking & Refreshment Break, 16:00-16:20	

16:20-16:40	Title: Magnesium ferrite/polyvinyl alcohol (PVA) nanocomposites: fabrication and characterization
	Gulfam Nasar, Balochistan University of Information Technology, Pakistan
16:40-17:00	Title: Effect of the core thickness on the physical properties of ZnO/TiO2 core/shell nanostructures: First-principles study
	Slimane Haffad, University of Bejaia, Algeria
Session Adjournment	
Day 2 April 19, 2019	
10:00-10:10	Introduction by Moderator
Keynote Forum	
10:10-10:40	Title: Nano probe detection of circulating tumor cells via *lastic* secretion generated surface electric charges
	Donglu Shi, University of Cincinnati, USA
Networking & Refreshment Break, 10:40-11:00	
11:00-11:30	Title: Stable and deformable photocapacitor based on ultrathin inorganic n/p-junctions
	Fatemeh Zabihi, Donghua University, Chine
11:30-12:00	Title: Design of high refractive index polymers for ophthalmological applications
	Norbert Hampp, University of Marburg, Germany
Oral Session II	
12:00-12:20	Title: TBA
	Joao Carlos Moura Bordado, Tchinical Superior Institute, Portugal
12:20-12:40	Title: Isoniazid-oleanolic acid co-crystal system: Synthesis, anti-TB and toxicological effect on the human Embryonic kidney (HEK293) and human hepatocellular carcinoma (HepG2) cell lines
	Mohammed S Haruna, National Agency for Science & Engineering Infrastructure, Nigeria
Lunch Break, 12:40-13:30	
13:30-13:50	Speaker Slot Available
13:50-14:10	Speaker Slot Available
14:10-14:30	Speaker Slot Available
14:30-14:50	Speaker Slot Available
14:50-15:10	Speaker Slot Available
15:10-15:30	Speaker Slot Available
15:30-15:50	Speaker Slot Available
Video Presentation	
15:50-16:00	Title: A shift in theoretical attention for the properties of bulk materials to those of the borders
	Anna Backerra, Eindhoven University of Technology, Netherlands
Networking & Refreshment Break, 16:00-16:20	
Poster presentation, Networking & Refreshment Break, 16:20-17:00	
MAT-01	Title: Polyelectrolyte Nanocomposite Membranes Using Imidazole- Functionalized Nanosilica for Fuel Cell Applications
	Elham Jafarnia, University Canada West, Canada
MAT-02	Slot Available
MAT-03	Slot Available
MAT-04	Slot Available
MAT-05	Slot Available
Conference Adjournment	

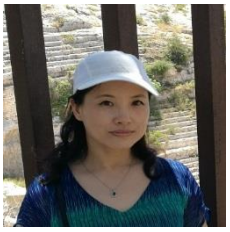
Eminent Speakers @ Material Technology-2019



Donglu Shi
University of Cincinnati,
USA



Himanshu Verma
Nicholls State University,
USA



Dongling Ma
National Institute of
Scientific Research,Canada



Norbert Hampp
University of Marburg,
Germany



Anna Backerra
University of Technology,
Netherlands



Yan Huang
Brunel University, UK

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