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20th International Conference on

Emerging Materials 2018

Emerging Materials and Nanotechnology

June 25-26, 2018 | Vancouver, Canada

Theme: Cutting Edge Excavation of Research on Emerging Materials and Nanotechnology



Speaker Slots Available
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Keynote Speakers for the Conference



Emerging Materials 2018
20TH INTERNATIONAL CONFERENCE ON
EMERGING MATERIALS AND NANOTECHNOLOGY
JUNE 25-26, 2018 VANCOUVER
BRITISH COLUMBIA, CANADA

Keynote Speakers

- **Aman Ullah**
University of Alberta
Canada
- **Buta Singh Sidhu**
MRS Punjab Technical
University, India
- **Aharon Gedanken**
Bar-Ilan University, Israel
- **Jan J. Dubowski**
Université de Sherbrooke, Canada

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****Note: This Program has been designed with the tentative schedule and timings. Dates and timings in this Program are subject to change at any time**

Confirmed Presentations

Title: Nanostructuring of III-V semiconductors with in situ passivated surfaces

Affiliation: Jan J Dubowski, Université de Sherbrooke, Canada

Title: Making the hospital a safer place by the sonochemical coating of the textiles with antibacterial nanoparticles

Affiliation: Aharon Gedanken, Bar-Ilan University, Israel

Title: *In-situ* polymerization on X70 steel surface and corrosion inhibition

Affiliation: Xiaohui Jiang, China West Normal University, China

Title: Novel materials and nanotechnology for construction

Affiliation: Cyprain Fang Kah, Emannuel N2 Co. Ltd, Northern Cyprus

Title: Synthesis of cobaltic oxide/carbon nanotube/graphene composites for anode materials of lithium-ion batteries

Affiliation: Chuen-Chang Lin, National Yunlin University of Science and Technology, Taiwan

Title: Synthesis and characterization of partially fluorinated sulfonated poly(arylene ether)s electrolytes for proton exchange membrane fuel cell

Affiliation: Wen-Yao Huang, National Sun Yat-Sen University, Taiwan

Title: Carbonized bamboo-derived carbon nanodot as efficient cathode interfacial layers realized high performance organic photovoltaics providing power conversion efficiencies up to 9.6%

Affiliation: Chih-Ping Chen, Ming Chi University of Technology, Taiwan

Title: Effect of natural weather aging on the properties of poly(vinyl alcohol)/starch/graphene nanocomposite

Affiliation: Jobin Jose, King Fahd University of Petroleum and Minerals, Saudi Arabia

Title: Ethical and scientific issues of nanotechnology at Malaysia Airport Consultancy Services Middle East

Affiliation: Lewis Muteh Mukum, Malaysia Airport Consultancy Services, Qatar

Title: Development of nanostructured metal Magnesium Hydride for hydrogen storage

Affiliation: Kariso Boma C, University of Applied Sciences, Germany

Title: Metal doped Carbon Dots obtained by the sonochemistry of molten metals

Affiliation: Aharon Gedanken, Bar-Ilan University, Israel

Title: Monomers, biopolymers and biomaterials from renewable resources

Affiliation: Aman Ullah, University of Alberta, Canada

Title: Enhanced densification and chemical stability of ZnO-added BaZr_{0.1}Ce_{0.7}Y_{0.1}Yb_{0.1}O₃ - δ electrolyte material for proton conducting solid oxide fuel cells

Affiliation: M. Naeem Khan, BUIITEMS, Pakistan

Title: State of art biomaterials and hydroxyapatite coatings for bioimplant sustainably

Affiliation: Buta Singh Sidhu, MRS Punjab Technical University, India

Title: Investigation of electrochemical corrosion behavior of hydroxyapatite reinforced with calcium phosphate coatings on AISI 304

Affiliation: Buta Singh Sidhu, MRS Punjab Technical University, India

Title: Digital electrical manipulation of liquid marbles

Affiliation: Anderson H.C. Shum, The University of Hong Kong, Hong Kong

Title: Quantum information processing with VOI-based valleytronics

Affiliation: Yu-Shu Wu, National Tsing-Hua University, Taiwan

Yet to be Confirmed

Title: Synthesis of MWCNTs/ThO₂ nanocomposite and its adsorption application for the removal of heavy metal from aqueous medium

Affiliation: Zeid A. Alothman, King Saud University, Saudi Arabia

Title: Proteins derived films for food packaging applications

Affiliation: Muhammad Zubair, University of Alberta, Canada

Title: Review paper on recent developments of metallic nanoparticle-graphene nanocatalysts

Affiliation: Jasvinder Singh, Lovely Professional University, India

Title: Growth of nanowires along arbitrary design crystal direction

Affiliation: Ye Tao, Rowland Institute at Harvard, USA

Title: Wear resistant steel alloys for clinker and limestone grinding application

Affiliation: Olayide Adetunji, Federal University of Agriculture, Nigeria

Title: Etching rate reactions on titanium surfaces under various electromagnetic radiation frequencies

Affiliation: Katelyn Denyer, Liberty University School of Engineering and Computational Sciences, USA

Title: Effect of glycerol, sunflower oil and glucose concentrations on the physical -chemical and mechanical properties of Chitosan / Polyvinyl Alcohol films

Affiliation: Natalia Coneo, University of Cartagena, Colombia

Title: Elaboration of active chitosan/Polyvinyl alcohol film reinforced with zinc oxide nanoparticles for food packaging

Affiliation: Yulieth Ramos, University of Cartagena, Colombia

Title: Comprehensive study on morphological, structural and optical properties of SnO₂ nanoparticle and its antibacterial activities

Affiliation: Naif Mohammed Al-Hada, Universiti Putra Malaysia, Malaysia

Title: Impact of aluminum concentration on the synthesis of highly pure Cr₂AlC MAX phase
Affiliation: O.P. Pandey, Thapar University, India

Title: Bioinspired nanoparticles: Syntheses and applications
Affiliation: Jacob B. Omajali, Thompson Rivers University, Canada

Title: Fibrous electron-selective layer for highly efficient flexible perovskite solar dev
Affiliation: Fatemeh Zabihi, Donghua University, China

Quick Links

- [Brochure download](#)
- [Abstract Submission](#)
- [Registration details](#)
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Important Dates

- Abstract Submission -30 May 2018
- Standard Registration -on/before 25 April 2018
- On spot Registration -25 June, 2018

Speaker Slots Available Submit your Abstract here

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About City

With its scenic views, mild climate, and friendly people, Vancouver is known around the world as both a popular tourist attraction and one of the best places to live. Vancouver is also one of the most ethnically and linguistically diverse cities in Canada with 52 percent of the population speaking a first language other than English. Vancouver has hosted many international conferences and events, including the 2010 Winter Olympics and 2010 Winter Paralympics. Vancouver, a bustling west coast seaport in British Columbia, is among Canada's densest, most ethnically diverse cities. A popular filming location, it's surrounded by mountains, and also has thriving art, theatre and music scenes. Vancouver Art Gallery is known for its works by regional artists, while the Museum of Anthropology houses preeminent First Nations collections.

Vancouver's main greenspace is Stanley Park, 1,000 acres of forest, trails, playgrounds, pools, beaches and the Vancouver Aquarium, all ringed by a pedestrian seawall. Its neighborhood range from vibrant ethnic centres such as Chinatown and Punjabi Market to historic Gas town, with its famous steam clock, and Granville Island, known for its shops, bars, theatres and big public market. Across Burrard Inlet in the North Shore is the 70m-high Capilano Suspension Bridge, dating to 1889, and the ski-and-snowboard destination Grouse Mountain, whose Sky ride gondola offers panoramic views of the entire region.

Venue Attractions



Canadian Rockies



Capilano Suspension Bridge



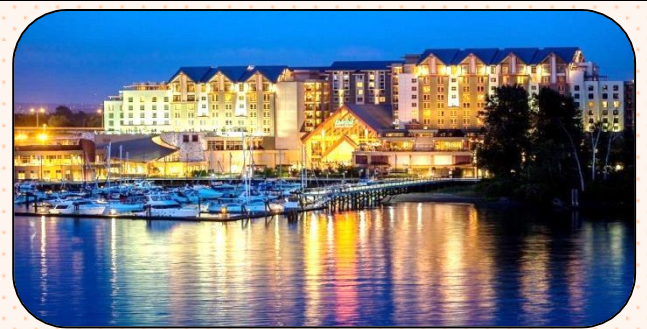
English Bay



H. R. MacMillan Space Centre



Science World



River Rock Casino Resort



Sun Yat-Sen Classical Chinese Garden



Queen Elizabeth Park

Look forward to see you at Vancouver...

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