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TENTATIVE PROGRAM

2019



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MOUSER ELECTRONICS

12th International Conference & Exhibition on

Biosensors & Bioelectronics

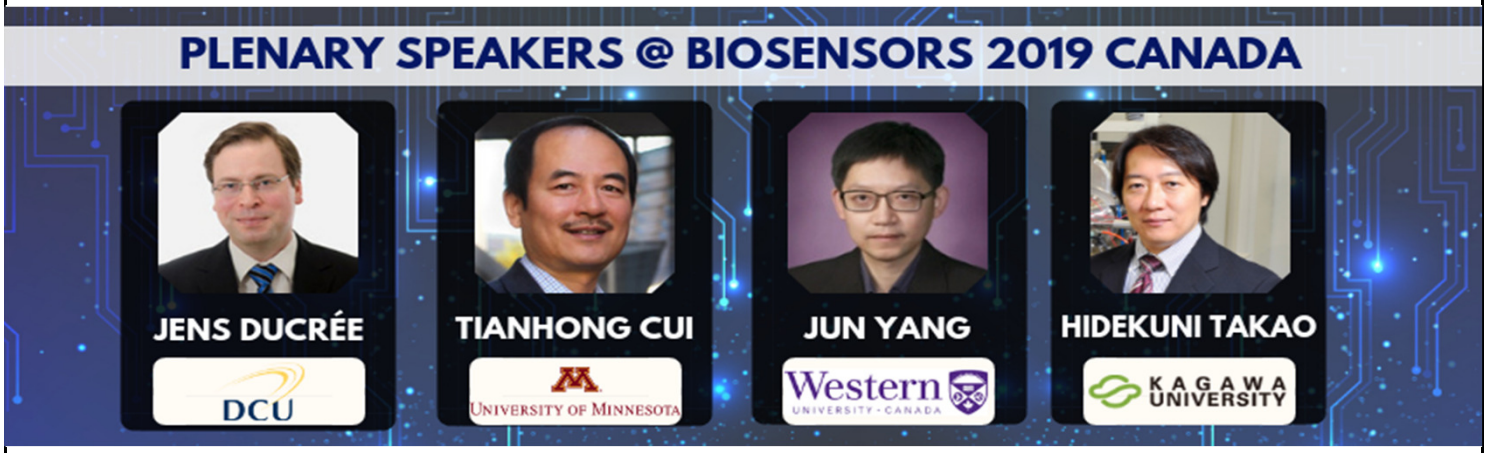
October 25-26, 2019 | Vancouver, Canada

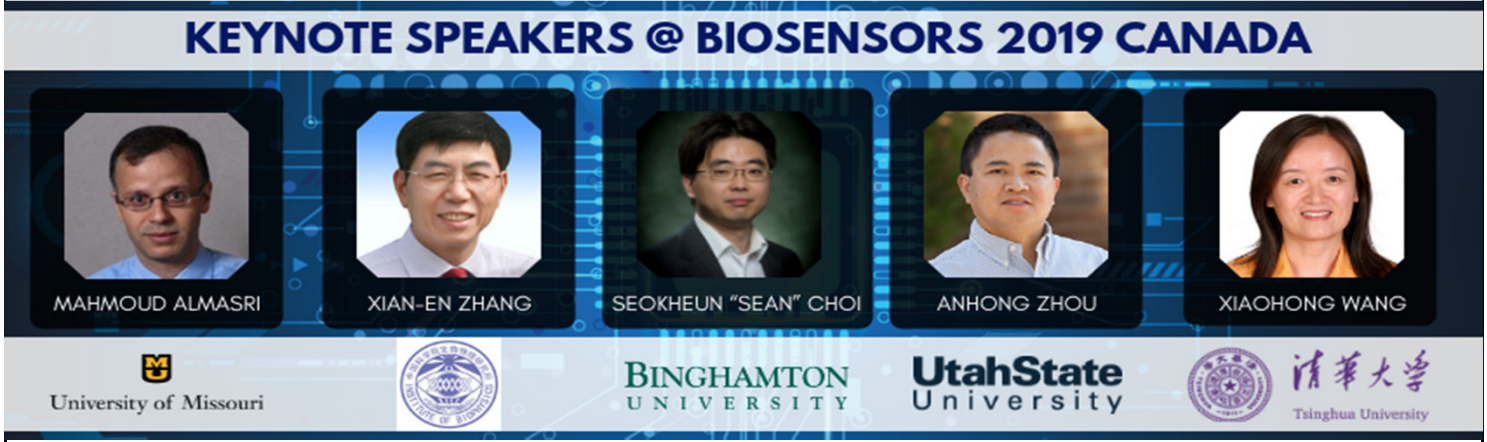
Tentative Program

Day 1 October 25, 2019	
08:30-09:30	**Registrations**
Hall 1	
09:30-09:55	**Opening Ceremony**
09:55-10:00	**Introduction**
Keynote/Plenary Session	
	Title: The Microfluidic Lab-on-a-Disc Platform – An Efficient Environment Supporting Rapid Application Development for Decentralised Testing of Biosamples **Jens Ducrée,** Dublin City University, Ireland
Networking & Refreshment Break	
	Title: Shrink polymer biosensors: Manufacturing from micro to nano **Tianhong Cui,** University of Minnesota, USA
Group Photo	
	Title: From Lab-on-a-chip to Lab-on-a-tip for Point-of-care Diagnostics of whole blood samples **Jun Yang,** Western's Industry 4.0 Network, Western University, Canada
	Title: Powering biosensors with disposable biobatteries **Seokheun "Sean" Choi,** State University of New York-Binghamton, USA
Lunch Break	
	Title: TBA **Anhong Zhou,** Utah State University, USA
SESSIONS INTRODUCTON	
Biosensors | Biosensors Applications | Transducers in Biosensors| Bioelectronics | Biosensors for Imaging | Environmental Biosensors | Gas Sensors | Bioengineering Applications	
	Title: Development of silicon nanowire technology for biomarker testing **Farhad Khosravi,** BioDirection, Inc., USA
Networking & Refreshment Break	
Speaker Slots Available	
	Title: A dual channel optical sensor for norepinephrine via insitu generated silver nanoparticles **Shalini Menon,** Cochin University of Science and Technology, INDIA
	Title: Wearable sensors for real time health monitoring using e-tattoo patches **Nesrine Amin Elessawy,** Arab Academy for Science and Technology, Egypt
	Title: Optical and electrical properties of bacteria were based bio-detector for heavy metals (CdCl2 and NiCl2) pollutants **Srijita Nundy,** Sungkyunkwan University, Republic of Korea
Speaker Slots Available	
Continue….	

Day 2 October 26, 2019	
Hall 1	
Keynote/Plenary Session	
	Title: Impedance biosensors for simultaneous detection of food borne pathogens **Mahmoud Almasri,** University of Missouri, USA
	Title: TBA **Xian-En Zhang,** Chinese Academy of Sciences, China
	Title: On-chip energy harvesting and storage for wearable or implantable applications **Xiaohong Wang,** Institute of Microelectronics, Tsinghua University, China
Networking & Refreshment Break	
	Title: Reploducing our Fingertip Sensation by Super High Resolution Tactile Sensing **Hidekuni Takao,** Kagawa University, JAPAN
Keynote/Plenary Slot Available	
Lunch Break	
SESSIONS INTRODUCTON	
DNA Chips and Nucleic acid Sensors | Photonic Sensor Technologies | Biosensing Technologies | Bioinstrumentation | Advancement in Nanotechnology | BioMEMS/NEMS | Wearable Techonology	
	Title: Analysis of Current Industrial Challenges and Capabilities in Biosensor Development **Mohammad Reza Shadnam,** KPMG LLP, Canada
	Title: Hybrid 2D µPAD for alcohol detection **Phurpa Dema Thungon,** Indian Institute of Technology - Guwahati, INDIA
	Title: Modeling of fluid power system in cold rolling mills **Mohammad Ansarymehr,** IRAN
Speaker Slots Available	
Networking & Refreshment Break	
POSTER PRESENTATIONS	
	Title: DNA nanostructures for biosensing interfaces made from verious substrates **Shiping Song,** Shanghai Advanced Research Institute, CAS, China
	Title: Biosensor for acquaculture systems **Claudy D'Costa,** Technical University of Denmark, Denmark
	Title: The development of cerium oxide-based composite sensor for hydroxyl radical detection **Surachet Duanghathaipornsuk,** The University of Toledo, USA
	Title: A fast-response, mitochondria-targeted,red-emitting probe for imaging of hydrogen sulfide in living cells, zebrafish and mice **Ismail Ismail,** Nankai University, China
Continue....	

	Title: Tuning the concentration of graphene quantum dots to obtain a switch in the behaviour of the biosensing mechanism **Ang Wei Li,** Nanyang Technological University, Singapore
	Title: Graphene oxide and enzyme assisted dual-cycling amplification method for sensitive DNA detection **Idorenyin A. Iwe,** The Hong Kong University of Science and Technology, Hong Kong
Poster Slots Available	
Award & Closing Cermony	







SUBIT YOUR ABSTRACT **REGISTER NOW**

Note: This is not a fixed program. Timings may subject to change

WHAT YOU CAN EXPECT



















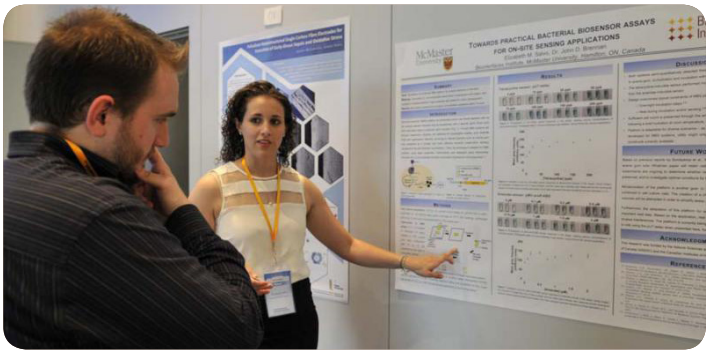






Glimpses of Biosensors & Bioelectronics Conferences















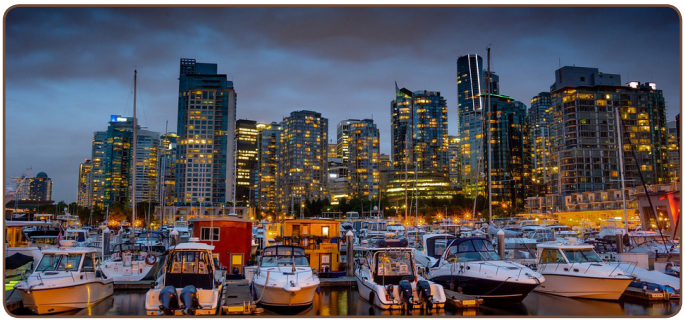




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