Tuesday, May 16 – Day 1

Time	Cordova Ballroom (Lower level)	Port of San Francisco & New York (3rd Level)	Port of Singapore (3rd Level)	Harbourfront Foyer (2nd Level)	Harbourfront Ballroom (2nd Level)	Port of Vancouver (2nd Level)	Port of Macau (3rd Level)	Offsite (BCIT)
7:30 am - 8:30 am					Light Breakfast in the Trade Show			
8:40 am - 9:00 am	**Welcoming Remarks** *2023 Conference Chair: Brendan Gribbons*							
8:45 am - 10:00 am	**Keynote 1** **Diversity and Inclusion Gaps for Women in Engineering** *Azadeh Yadollahi*							
10:00 am - 12:00 pm								**CONTINUING EDUCATION PROGRAM (OFFSITE)** **#CE(A) BCIT 3D Printing and 3D Scanning applications in Biomedical Engineering**
10:10 am - 10:35 am				Poster Presentations: Digital Health, Virtual Reality, and AI Education P1.1 An Automated Online Recommender System for Stroke Risk Assessment P1.2 Design and Evaluation of a Virtual Reality-based Driving Task to Investigate Temporal Preparation P1.3 Artificial Intelligence Education for Medical Students: A Systematic Review	Refreshment Break in the Trade Show			
10:45 am - 11:45 am	**Stream C1: CLINICAL ENGINEERING PROGRAM** **#C1 CMBES Clinical Engineering Standards of Practice - Overview of Changes in the 4th Edition**	**Stream B1: INDUSTRY INNOVATION PROGRAM** #B1 How Much Does It Cost to Develop a Medical Device?	**Stream A1: ACADEMIC PROGRAM** **Oral Presentations: Computer-Assisted Diagnosis and Surgery** #A1.1 Unsupervised Learning Using Time-Domain and Frequency-Domain Features of Audio Signals for the Classification of Mild Cognitive Impairment #A1.2 Selecting the Most Characteristic Vestibular Stimuli to be Used for Alzheimer's Subtype Diagnosis #A1.3 The Vasculens - Projector-Based Augmented Reality Display of Anatomical Structures Segmented from Pre-Operative CT Scans		**MEDICAL DEVICE TRADE SHOW**	**Stream CE1: CONTINUING EDUCATION PROGRAM** **#CE2 Network Essentials for Medical Devices Part 1**	**Student Event** One step forward towards entrepreneurship	
11:45 pm - 1:30 pm	Women in STEM luncheon		Poster Presentations		Lunch in the Trade Show			
1:15 pm - 3:15 pm								**CONTINUING EDUCATION PROGRAM (OFFSITE)** **#CE(B) BCIT Hands-on workshop: from 3D models to 3D printed parts**
1:30 - 2:50 PM	**Stream C2: CLINICAL ENGINEERING PROGRAM** #C2 Right to Repair Workshop	**Stream B2: INDUSTRY INNOVATION PROGRAM** #B2 Regulatory Pathways in Medical Device Development: How to Cross the Unknown Valley	**Stream A2: ACADEMIC PROGRAM** **Oral Presentations: Machine Learning for Image and Signal Analysis** #A2.1 Deep Learning Model for OSA Detection using Tracheal Breathing Sounds During Wakefulness #A2.2 Using Deep Learning to Estimate Frame-to-Frame Angle Displacements in 2D Ultrasound Image Sequences of an Infant Hip #A2.3 Frequency Bias in MLMtrained BERT Embeddings for Medical Codes #A2.4 Segmentation of retinal layers on OCT scans using deep learning		**MEDICAL DEVICE TRADE SHOW**	**Stream CE2: CONTINUING EDUCATION PROGRAM** **#CE2 Network Essentials for Medical Devices Part 2**		
3:00 PM - 3:30 PM				**Poster Presentations: Machine Learning for Image and Signal Analysis** P2.1 Fusion of Manual and Deep Learning Analyses for Automatic Lung Respiratory Sounds Identification in Youth P2.2 Deep Learning Model for COPD Classification/Staging Using Lung CT P2.3 MR Image Prediction at High Field Strength From MR Images Taken at Low Field Strength Using Multi-To-One Translation P2.4 Reconstruction of the Stressfree Hyperelastic Parameters of Breast Tissue: Machine-Learning Based Inverse Problem Technique P2.5 Novel Technique for Simultaneous Imaging of the Breast Stiffness an Incompressibility Using QuasiStatic Elastography P2.6 Automatic Evaluation of the Ejection Fraction on Echocardiography Images	Refreshment Break in the Trade Show			
3:45 pm - 4:45 pm	**Keynote 2** **Next-Generation RNA Vaccines and Therapies** *Anna Blakney*							
5:00 pm - 7:00 pm					Opening Reception in the Trade Show			