

TIME	THURSDAY 12th JULY 2018														
	Auditorium	Liffey B	Liffey Hall 1	Liffey Hall 2	Liffey MR1	Liffey MR2	Liffey MR3	Wicklow Hall 1	Wicklow Hall 2A	Wicklow Hall 2B	Ecocem	Wicklow MR1	Wicklow MR2	Wicklow MR3	Wicklow MR4
0830 - 1000	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzpfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzpfel)	Biofluid and transport (David Steinman)	Biofluid and transport (David Steinman)	Emerging areas (Niamh Nowlan and Kristin Myers)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Tissue Engineering (Carljin Bouten)	Imaging and devices (Ho Ba Tho)	Imaging and devices (Ho Ba Tho)		Tissue Engineering (Carljin Bouten)
	Human locomotion in diseased/injured populations osteoarthritis	Congenital heart defects and pediatric cardiology applications 1	ISB Session 2 - footwear biomechanics	Cerebral aneurysms 1	Modeling of biofluid transport 1	Fluid-structure interactions in cardiovascular mechanics 1	The biomechanics of pregnancy and parturition	Medical device / soft tissue interaction	Biomechanics of musculoskeletal development	Cardiovascular cell mechanics and its role in human disease	Biomechanics of muscle, tendon and ligament tissue engineering	Rehabilitation methods, tools, and devices for shoulder	Nano- and micro-mechanics of biological tissue, biomimetic and bioinspired materials and systems 2		Mechanical issues in Interfacial Tissue Engineering
1000 - 1030	Refreshment Break - 30 mins							Poster Session GROUP 4							
1030 - 1200	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzpfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzpfel)	Biofluid and transport (David Steinman)	Biofluid and transport (David Steinman)	Emerging areas (Niamh Nowlan and Kristin Myers)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Tissue Engineering (Carljin Bouten)	Imaging and devices (Ho Ba Tho)	Imaging and devices (Ho Ba Tho)	Industry Session 1030 - 1115 Body (Asymmetries: Is there a Link between Local and Integral Movement Function? Hosted by Kistler)	Tissue Engineering (Carljin Bouten)
	Mobile monitoring of biomechanical phenomena	Congenital heart defects and pediatric cardiology applications 2	Automotive safety biomechanics 1	Cerebral aneurysms 2	Modeling of biofluid transport	Fluid-structure interactions in cardiovascular mechanics 2	USNCB global women's health biomechanics	Meniscal mechanics	Sensorimotor function and neuromechanics of joints	Cardiovascular mechanobiology and molecular mechanisms	Biomechanical microengineering of tissue mimics for human disease modeling	Rehabilitation methods, tools, and devices for hand/wrist	Dynamic medical imaging techniques for biomechanics systems 1	Industry Session 1115 - 1200 Integrating IMUs with Optical Motion Capture: Clinical and Sporting Applications' Hosted by VICON	Functional tissue engineering of articular cartilage and fibrocartilage
1200 - 1330	Lunch Break - 1.5 hour							Poster Session GROUP 4 - 1.5 hrs							
1330 - 1415	Invited Plenary Julie Steele Australia	Invited Plenary David Elad Israel													
1420 - 1550	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzpfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzpfel)	Biofluid and transport (David Steinman)	Biofluid and transport (David Steinman)	Emerging areas (Niamh Nowlan and Kristin Myers)	Musculoskeletal (Tammy Haut Donahue)	Emerging areas (Niamh Nowlan and Kristin Myers)	Cell biomechanics (Ed Guo)	Tissue Engineering (Carljin Bouten)	Imaging and devices (Ho Ba Tho)	Imaging and devices (Ho Ba Tho)		Tissue Engineering (Carljin Bouten)
	Mobile monitoring of biomechanical phenomena 2	Mechanical circulatory support	Automotive safety biomechanics 2	Arterial stiffness and disease	Bioloocomotion and flows	Airway flows and lung transport 1	Integrated methods for reproductive biomechanics	Total joint replacements	Biomechanics in nature I, a tribute to Prof R. McNeill Alexander	Cardiovascular cell mechanics, adhesion and mechanotransduction	Biomechanics of pelvic floor / bladder engineering	Rehabilitation methods, tools, and devices for ankle/foot 1	Dynamic medical imaging techniques for biomechanics systems 2		Biofabrication and bioreactors for functional tissue systems
1550 - 1620	Refreshment Break - 30 mins							Poster Session GROUP 4							
1620 - 1750		Society (Michael Walsh)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Emerging areas (Niamh Nowlan and Kristin Myers)	Imaging and devices (Ho Ba Tho)	Biofluid and transport (David Steinman)	Emerging areas (Niamh Nowlan and Kristin Myers)	Musculoskeletal (Tammy Haut Donahue)	Emerging areas (Niamh Nowlan and Kristin Myers)	Cell biomechanics (Ed Guo)	Tissue Engineering (Carljin Bouten)	Imaging and devices (Ho Ba Tho)	Imaging and devices (Ho Ba Tho)	Musculoskeletal (Tammy Haut Donahue)	Tissue Engineering (Carljin Bouten)
		ASME - NSF session	Biomechanics of sports: Surfing to soccer	Lung biomechanics	Imaging and device biomechanics: Modelling, diagnosis, rehabilitation	Airway flows and lung transport 2	Multiscale cancer mechanobiology & biomechanics	Traumatic loading of the spine and/or spinal cord injury	Biomechanics in nature II, a tribute to Prof R. McNeill Alexander	Mechanical regulation of stem cells	Tissue Engineering Other	Rehabilitation methods, tools, and devices for ankle/foot 2	Patient-specific biomechanical interaction of cardiovascular devices with surrounding tissues	Musculoskeletal General	Biofabrication and bioreactors for functional tissue systems 2
1800 - 1800	Closing Ceremony														