

WEDNESDAY, 11th JULY 2018															
TIME	Auditorium Level 3	Liffey B Level 1	Liffey Hall 1 Level 1	Liffey Hall 2 Level 1	Liffey MR1 Level 1	Liffey MR2 Level 1	Liffey MR3 Level 1	Wicklow Hall 1 Level 2	Wicklow Hall 2A Level 2	Wicklow Hall 2B Level 2	Ecocem Level 2	Wicklow MR1 Level 2	Wicklow MR2 Level 2	Wicklow MR3 Level 2	Wicklow MR4 Level 2
0830 - 0915	Invited Plenary Chwee Teck Lim Singapore	Invited Plenary Merryn Tawhai New Zealand													
0920 - 1050	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzapfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzapfel)	Emerging areas (Niamh Nowlan and Kristin Myers)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzapfel)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Tissue Engineering (Carljin Bouten)	Imaging and devices (Ho Ba Tho)	Cell biomechanics (Ed Guo)		Cell biomechanics (Ed Guo)
	Motor control 3	Cardiac mechanics and heart modeling 1	The role of multiscale subject-specific models in the planning and monitoring of rehabilitation programs	Thoracic aortic aneurysms and aortic dissection 1	Biomedical engineering research and education in Africa	Dual-task, concussion, and sports injuries: Connecting mind and movement to better understand sports injuries	Cardiovascular development	Bone fracture mechanics (in vitro and in vivo) 1	Biomimetic implants for articular cartilage repair / regeneration	Mechanics of passive muscle and connective tissue 1	Multiscale biomechanics of scaffolds 1	Technology innovation in medical devices 3	Mechanobiology and embryogenesis 2		Cell biomechanics and omics 2
1050 - 1120	Refreshment Break - 30 mins							Poster Session GROUP 3- 30mins							
1120 - 1250	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzapfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzapfel)	Education	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Tissue Engineering (Carljin Bouten)	Imaging and devices (Ho Ba Tho)	Cell biomechanics (Ed Guo)	Industry Session 1120 - 1250	Cell biomechanics (Ed Guo)
	Motor control 4	Cardiac mechanics and heart modeling 2	Multiscale biomechanics of sport and sport injuries	Thoracic aortic aneurysms and aortic dissection 2	Biomedical engineering education 1	Advances in rehabilitation technology using virtual reality and perturbations to assess and train gait and balance	Challenges of thrombosis modelling	Bone fracture mechanics (in vitro and in vivo) 2	Cartilage tribology	Mechanics of passive muscle and connective tissue 2	Multiscale biomechanics of scaffolds 2	Technology innovation in medical devices 4	Mechanogenetics for cell therapy	Medical Image Based Innovations to Improve Patient Care Hosted by Materialise	Cell interaction with microenvironment 1
1250 - 1420	Lunch Break - 1.5 hour			Society Meeting 13.00 - 14.00 ASME Awards Announcements and Medal Winner Recognition	Lunch Break - 1.5 hour		Poster Session GROUP 3- 1.5 hrs					Society Meeting 13.00 - 14.00 German Society of Biomechanics (DGfB) General Assembly	Society Meeting 13.00 - 14.00 Asian-Pacific Association for Biomechanics Executive Committee Meeting		
1420 - 1505	Invited Plenary Elazer Edelman USA	Invited Plenary Clemens van Bitterswijk The Netherlands													
1510 - 1640	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzapfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzapfel)	Education	Emerging areas (Niamh Nowlan and Kristin Myers)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Tissue Engineering (Carljin Bouten)	Imaging and devices (Ho Ba Tho)	Imaging and devices (Ho Ba Tho)	Industry Session 1510 - 1555	Cell biomechanics (Ed Guo)
	Amputee biomechanics 1	Cardiac regeneration and healing	Running injuries 1	Abdominal aortic aneurysms 1	Biomedical engineering education 2	Computational challenges in multiscale modelling in biomechanics	Arterial pulse wave mechanics and ventriculo-arterial interaction	Bone fracture mechanics (in vitro and in vivo) 3	Bone-cartilage cross-talk	Tendon, ligament and enthesis biomechanics 1	Biofabrication for musculoskeletal tissue engineering	Stenting within the Cardiovascular System 1	Synergy of image-based modeling and model-based imaging for probing biological systems	Outdoor Motion Capture and Musculoskeletal Simulations Hosted by Ansys	Cell interaction with microenvironment 2
1640 - 1710	Refreshment Break - 30 mins							Poster Session GROUP 3- 30 mins							
1710 - 1840	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzapfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzapfel)	Public Engagement	Emerging areas (Niamh Nowlan and Kristin Myers)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Tissue Engineering (Carljin Bouten)	Imaging and devices (Ho Ba Tho)	Imaging and devices (Ho Ba Tho)	Industry Session 1710 - 1755	Cell biomechanics (Ed Guo)
	Amputee biomechanics 2	Prenatal cardiovascular fluid mechanics and flow mechanobiology	Running injuries 2	Abdominal aortic aneurysms 2	Public engagement with biomechanics	Modelling uncertainty and propagation of data for biomechanics systems	Verification, validation and uncertainty quantification in cardiovascular CFD	Bone fracture mechanics (in vitro and in vivo) 4	Bone marrow properties and mechanobiology	Tendon, ligament and enthesis biomechanics 2	Multiscale biomechanics and modeling of engineered tissues	Stenting within the Cardiovascular System 2	Nano- and micro-mechanics of biological tissue, biomimetic and bioinspired materials and systems 1	Markerless Motion Capture - new high performance technology for big data in real world scenarios- Use cases, Accuracy, Case studies Hosted by SIMI	Mechanotransduction in engineered tissue
1845 - 1945	ASME Student Leadership Council Meeting														
1930 Bus Departs 2000 Late	Conference Dinner The Guinness Storehouse														