

TIME	MONDAY, 9th JULY 2018															
	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	Eocem Level 2	Wicklow MR1 Level 2	Wicklow MR2 Level 2	Wicklow MR3 Level 2	Wicklow MR4 Level 2	
0830 - 0900	Opening Ceremony															
0900 - 0945	Invited Plenary Lori Setton USA	Invited Plenary Takuji Ishikawa Japan														
0955 - 1125	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)	Locomotion and human movement (Walter Herzog)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Society (Michael Walsh)	Imaging and devices (Ho Ba Tho)	Tissue engineering (Carljin Bouten)	Molecular biomechanics (Tajji Adachi)	
	Locomotion and falling in the elderly 2	Multiscale mechanobiology of vascularisation and atherosclerosis	High rate injury biomechanics 1	Biomechanics of cardiovascular tissues 3	Biomechanics of ocular pathologies 1	Joint loading during locomotion and human movement (effects on joint and tissue adaptation) 1	Nanotherapeutics and nanoparticle transport	Multiscale biomechanics of age-related bone fractures	Computational joint mechanics 3	Musculoskeletal interfaces	Computational methods in cell mechanics 1	Asian-Pacific Association for Biomechanics: The Yamaguchi Medal for Young Investigators	Digital volume correlation strain measurements in biological tissues and biomaterials	TERMIS session: Biomaterials and biomechanics 1	Connecting molecular interactions and mechanosensing to cell behaviors	
1130 - 1200	Refreshment Break - 30 mins							Poster Session GROUP 1 - 30 mins								
1200 - 1330	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)	Locomotion and human movement (Walter Herzog)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Society (Michael Walsh)	Imaging and devices (Ho Ba Tho)	Tissue Engineering (Carljin Bouten)	Molecular biomechanics (Tajji Adachi)	
	Falls - prediction and prevention 1	Multiscale modeling of vascular and neurovascular diseases	High rate injury biomechanics 2	Micromechanics of cardiovascular tissues	Biomechanics of ocular pathologies 2	Joint loading during locomotion and human movement (effects on joint and tissue adaptation) 2	Cancer microenvironments and tumor transport	Orthopaedic Research Society Injury and joint degeneration: Initiation, progression and intervention	Human spine, characterization and modeling 1	Multiscale biomechanics of articular degenerative diseases	Computational methods in cell mechanics 2	Société de Biomécanique session: Christian Odoux Award Lecture and Young Investigator Awards	Advanced biomaging 1	TERMIS session: Biomaterials and biomechanics 2	Analytical tools for nanoscale force transduction	
1330 - 1500	Lunch Break - 1.5 hour							Poster Session GROUP 1 - 1.5 hrs				Society Meeting 14:00 - 14:45 Société de Biomécanique General Assembly	Private Meeting	USNCB (U.S. National Committee on Biomechanics)		
1500 - 1630	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)	Locomotion and human movement (Walter Herzog)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Society (Michael Walsh)	Imaging and devices (Ho Ba Tho)	Tissue Engineering (Carljin Bouten)	Molecular biomechanics (Tajji Adachi)	
	Falls - prediction and prevention 2	Multiscale mechanics of cardiovascular materials and structures	High rate injury biomechanics 3	Mechanical thrombectomy for emergent large vessel occlusion in acute ischemic stroke	Computer models of growth and remodeling 1	Joint loading during locomotion and human movement (effects on joint and tissue adaptation) 3	Microfluidics	Quantitative outcome assessment in orthopaedic trials	Human spine, characterization and modeling 2	Incorporating in vivo load variability in modeling	Flow-mediated cellular biomechanics 1	VPH Institute session: 25 years of physiome	Advanced biomaging 2	Biomechanics of vascular tissue engineering	Intercellular and subcellular force transmission	
1630 - 1700	Refreshment Break - 30 mins							Poster Session GROUP 1 - 30 mins								
1700 - 1830	Locomotion and human movement (Walter Herzog)	Emerging areas (Niamh Nowlan and Kristin Myers)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzapfel)	Emerging areas (Niamh Nowlan and Kristin Myers)	Locomotion and human movement (Walter Herzog)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Society (Michael Walsh) (120 mins)	Imaging and devices (Ho Ba Tho)	Tissue Engineering (Carljin Bouten)	Molecular biomechanics (Tajji Adachi)	
	Gait in cerebral palsy: Neuromuscular control versus muscle mechanics 1	Multiscale models of the cardiopulmonary system	Mechanosensing in injury and pain	Atherosclerotic plaque: Mechanism and modeling	Computer models of growth and remodeling 2	Predictive human movement simulation 1	Vascular, lymphatic, and ocular transport	ESB-ANC multiscale biomechanics for orthopedics - from molecules to patients	Human spine, characterization and modeling 3	In vivo bone remodeling mechanics	Flow-mediated cellular biomechanics 2	Japan Society of Mechanical Engineers session: Commemorative Lectures on Emerging Technologies for Biomechanics: Beyond the 120th anniversary of the JSME Session runs until 1900	Biomechanics of soft tissue by Elastography (MRI, US)	Mechanobiology and tissue engineering of the respiratory tract	Nonequilibrium biomechanics: From Molecules to Cells	
1845 - 2000	Welcome Reception, The Convention Centre															