

TIME	TUESDAY, 10th 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	Eccem Level 2	Wicklow MR1 Level 2	Wicklow MR2 Level 2	Wicklow MR3 Level 2	Wicklow MR4 Level 2
0830 - 0915	ASME Lissner Award	ESB Perren Award													
0920 - 1050	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzapfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzapfel)	Molecular biomechanics (Tajji Adachi)	Locomotion and human movement (Walter Herzog)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Society (Michael Walsh)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Imaging and devices (Ho Ba Tho)	Society (Michael Walsh)	Society (Michael Walsh)	Tissue Engineering (Carlijn Bouten)
	Gait in cerebral palsy: Neuromuscular control versus muscle mechanics 2	From physiology to clinics: clinical applications of multiscale modelling of the heart	Head impact biomechanics and head protection 1	Mechanobiology of heart valves	Molecular force transduction	Predictive human movement simulations 2	Brain biotransport	Image-based multiscale modelling of fibrous tissues – tools and theories	European Society of Biomechanics (ESB) Student Award	Shoulder biomechanics 1	USNCB - Cell mechanosignaling in immunological diseases	Cardiovascular imaging 1	ASME BED PhD Student Paper Competition - Biomechanics at the Cell, Tissue and Multiscale Level	ASME BED PhD Student Paper Competition - Biotransport, Cryopreservation and Cardiovascular Modelling	Physical regulators and transport cues in tissue engineering
1050 - 1120	Refreshment Break - 30 mins							Poster Session GROUP 2 - 30 mins							
1120 - 1250	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)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Society (Michael Walsh)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Imaging and devices (Ho Ba Tho)	Society (Michael Walsh)	Society (Michael Walsh)	Tissue Engineering (Carlijn Bouten)
	Human locomotion in diseased/injured populations - post-stroke	Beyond vFR: Emerging clinical applications of multiscale vascular biomechanics	Head impact biomechanics and head protection 2	Cardiac growth and remodeling mechanics	Mechanobiology of tissue development on a chip	Pediatric injury	Biomechanics of the Central Nervous System	Musculoskeletal biomechanics across the scales	European Society of Biomechanics (ESB) Clinical Biomechanics Award	Shoulder biomechanics 2	Microbial biomechanics	Cardiovascular imaging 2	ASME BED PhD Student Paper Competition - Musculoskeletal Mechanics	ASME BED PhD Student Paper Competition - Cardiovascular Imaging and Modelling	Mechanobiology and tissue engineering of skin
1250 - 1420	Lunch Break - 1.5 hour							Poster Session GROUP 2 - 1.5 hrs	Society Meeting 13.00 - 14.00 European Society of Biomechanics (ESB) General Assembly	Poster Session GROUP 2 - 1.5 hrs			13.30 - 15.00 NSF Undergraduate Design Competition	Poster Session GROUP 2 - 1.5 hrs	
1420 - 1505	Invited Plenary Xavier Trepat Spain	ESB Best Thesis Award													
1510 - 1640	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)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Imaging and devices (Ho Ba Tho)	Society (Michael Walsh)	Society (Michael Walsh)	Tissue Engineering (Carlijn Bouten)
	Motor control 1	Multiscale modeling of the Cardiovascular System: Disease development, progression, and clinical intervention	Soft tissue injury mechanics: Skin injuries and wound formation associated with disabilities	Vascular growth and remodeling mechanics	USNCB neuromechanics: Integrating across spatial and temporal scales	Locomotion and human movement energetics in sports 1	Bioprocess diagnostics and therapeutics	From models to decisions - How musculoskeletal, or statistical, models may inform clinical decision making 1	IVD degeneration / regeneration / repair mechanobiology 1	Hand and wrist biomechanics 1	Cell deformation and cell signaling	Technology innovation in medical devices 1	ASME BED PhD Student Paper Competition - Sports Biomechanics	ASME BED PhD Student Paper Competition - Cardiovascular Mechanics and Cell Biomechanics	Functional bone and cranio-facial tissue engineering
1640 - 1710	Refreshment Break - 30 mins							Poster Session GROUP 2 - 30 mins							
1710 - 1840	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)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Musculoskeletal (Tammy Haut Donahue)	Cell biomechanics (Ed Guo)	Imaging and devices (Ho Ba Tho)	Society (Michael Walsh)	Cell biomechanics (Ed Guo)	Tissue Engineering (Carlijn Bouten)
	Motor control 2	Biomechanics of the Cardiovascular System: The Tarbell effect (John Tarbell 70th birthday session)	Injuries and tissue mechanics in the lower abdomen	Prosthetic heart valve	Biomechanics for the bedside: A snapshot of recent experimental and modelling trends with clinical impact	Locomotion and human movement energetics in sports 2	From the microcirculation to large artery flows: Challenges for clinical applications	From models to decisions - How musculoskeletal, or statistical, models may inform clinical decision making 2	IVD degeneration / regeneration / repair mechanobiology 2	Hand and wrist biomechanics 2	Cell biomechanics and oncology 1	Technology innovation in medical devices 2	German Society of Biomechanics session Experimental Biomechanics including Best Paper Award	Mechanobiology and embryogenesis 1	Technologies for validation in space and time of multiscale models of tissue engineering
1845 - 1945													ASME Open Executive Business Meeting		
1900 - 2300	BEDNock Concert The Academy, 57 Abbey Street Middle, Dublin 1														