

TUESDAY, 10th JULY 2018															
TIME	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 - 0915	ESB Perren Award	ASME Lissner Award													
0920 - 1050 (90 mins)	Locomotion and human movement (Walter Herzog)	Cardiovascular (Gerhard Holzapfel)	Sport biomechanics, injury and rehabilitation (Tamara Reid Bush)	Cardiovascular (Gerhard Holzapfel)	Molecular biomechanics (Fajl Adashi)	Locomotion and human movement (Walter Herzog)	Biofluid and transport (David Steinman)	Musculoskeletal (Tammy Donahue)	Society (Michael Walsh)	Musculoskeletal (Tammy Donahue)	Cell biomechanics (Ed Guo)	Imaging and devices (Ho Ba Tho)	Society (Michael Walsh)	Society (Michael Walsh)	Tissue Engineering (Carijñ Bouten)
	Human locomotion in diseased/injured populations - cerebral palsy 2	From physiology to clinic: 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 simulation 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 mechanosignalling 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 (90 mins)	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 Donahue)	Society (Michael Walsh)	Musculoskeletal (Tammy Donahue)	Cell biomechanics (Ed Guo)	Imaging and devices (Ho Ba Tho)	Society (Michael Walsh)	Society (Michael Walsh)	Tissue Engineering (Carijñ 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							
1420 - 1505	Invited Plenary Xavier Trepat Spain	ESB Best Thesis Award													
1510 - 1640 (90 mins)	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 Donahue)	Musculoskeletal (Tammy Donahue)	Musculoskeletal (Tammy Donahue)	Cell biomechanics (Ed Guo)	Imaging and devices (Ho Ba Tho)	Society (Michael Walsh)	Society (Michael Walsh)	Tissue Engineering (Carijñ 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	Biotransport 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 (90 mins)	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 Donahue)	Musculoskeletal (Tammy Donahue)	Musculoskeletal (Tammy Donahue)	Cell biomechanics (Ed Guo)	Imaging and devices (Ho Ba Tho)	Society (Michael Walsh)	Cell biomechanics (Ed Guo)	Tissue Engineering (Carijñ 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 Count	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 sessions: Experimental Biomechanics including Best Paper Award	Mechanobiology and embryogenesis 1	Technologies for validation in space and time of multiscale models of tissue engineering
1900 - 2300	BEDRock Concert The Academy, 57 Abbey Street Middle, Dublin 1														