TIME	SUNDAY														
	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
1330 - 1900	Registration Opens The Convention Centre Dublin														
	Locomotion and human movement (Walter Herzog)	**Society (Michael Walsh)**	**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 Donahue)**	**Musculoskeletal (Tammy Donahue)**	**Musculoskeletal (Tammy Donahue)**	**Cell biomechanics (Ed Guo)**	**Tissue engineering (Carlijn Bouten)**	**Imaging and devices (Ho Ba Tho)**	**Emerging areas (Niamh Nowlan and Kristin Myers)**	**Molecular biomechanics (Taiji Adachi)**
1430 - 1600 (90 mins)	Locomotion and falling in the elderly 1	**Starts at 14:15** ASME Mow/Fung/Woo/Nerem Awards 4 talks by 30 mins including questions	Brain injury mechanics 1	Biomechanics of cardiovascular tissues 1	Ocular biomechanics of aging and disease	Skeletal muscle properties and function during human movement (in vivo muscle properties) 1	Hyperthermia and heat-mediated transport	Population based approaches to computational musculoskeletal modelling	Computational joint mechanics 1	Mechanics of musculoskeletal growth and adaptation 1	Mechanics of cell motility 1	Biomechanics of heart valve tissue engineering	Deformable (statistical and analytical) shape and appearance models in biomechanics 1	Next generation tissue mechanic approaches: In situ and in patients to self-assembling materials	Molecular dynamics simulation
1600 - 1630	**Refreshment Break**		**Refreshment Break**												
		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 Donahue)**	**Musculoskeletal (Tammy Donahue)**	**Musculoskeletal (Tammy Donahue)**	**Cell biomechanics (Ed Guo)**	**Tissue engineering (Carlijn Bouten)**	**Imaging and devices (Ho Ba Tho)**	**Emerging areas (Niamh Nowlan and Kristin Myers)**	**Molecular biomechanics (Taiji Adachi)**
1630 - 1800 (90 mins)		Challenges of working across scales in patient- and animal-specific cardiovascular modeling	Brain injury mechanics 2	Biomechanics of cardiovascular tissues 2	Ocular trauma	ISB Session 1 - Computer simulation of human movement	Cryotherapy and cryopreservation (Boris Rubinsky 70th birthday session)	Multiscale biomechanics of paediatric musculoskeletal diseases	Computational joint mechanics 2	Mechanics of musculoskeletal growth and adaptation 2	Mechanics of cell motility 2	Mechanobiology of engineered soft tissue growth and remodeling	Deformable (statistical and analytical) shape and appearance models in biomechanics 2	Breast health biomechanics	Mechanobiology of cellular actomyosin systems
1800 - 1900	**Invited Plenary Toni Arndt Sweden**	**Invited Plenary Jay Humphrey USA (45 mins)**													