Sunday 6 October

	SEC								University of Glasgow	
	Alsh 1	Alsh 2	Boisdale 1	Boisdale 2	Carron 1	Carron 2	Dochart 1	Dochart 2		
07:00										
07:15										
07:30										
07:45										
08:00										
08:15										
08:30	Short Course 1	Short Course 2	Short Course 3	Short Course 4	Short Course 5	Short Course 6	Short Course 7	Short Course 8		
08:45										
09:00	Group 1	Group 1	Group 1	Group 2	Group 3	Group 4	Group 5	Practical		
09:15										
09:30										
09:45	Ultrafast Ultrasound Imaging: Basic Principles and Applications	Microbubbles and Nanodroplets for Biomedical Ultrasound Applications: Design Principles and Methods	Motion Estimation Algorithms in Ultrasound Imaging: Principles and Hands-On Development	Multiphysics simulation of piezoelectric sensors and actuators	Finite Element Modelling of Acoustic Resonators	MEMS Technology for Acoustic Wave Devices	Piezoelectric Fundamentals: Materials and Transducer	Volume Imaging with the Verasonics Research Systems		
10:00										
10:15										
10:30										
10:45										
11:00										
11:15					YK Yong	S Tanaka & S Gong				
11:30	M Tanter			D Greve			S Cochran & S Zhang	R Daigle		
11:45			D Garcia							
12:00										
12:15		M Borden & H Vos								
12:30										
12:45										
13:00	UIA Sound Solutions - 'Ultrasound in Surgery and Therapy'									
13:15										
13:30										
13:45										
14:00			Short Course 9	Short Course 10	Short Course 11	Short Course 12	Short Course 13	Short Course 14	Short Course 15	Short Course 16
14:15										
14:30	Session A		Group 1	Group 1	Group 2	Group 3	Group 4		Practical	Practical
14:45										
15:00								Group 5		
15:15	Break		Artificial Intelligence in Ultrasound Imaging	Ultrasound System Design and Software Beamformation	System-on-Chip and Embedded Computing for Ultrasonic Imaging, Deep Learning, Data Compression, and Software-Defined Communications	Acoustical Imaging; from acoustic field equations to imaging and inversion	Multi-physics Modeling of BAW and SAW components	Medical Ultrasound Transducers	Simulation of Acoustic MEMS Devices on Cloud HPC	A practical workshop on the use of ultrasonic hydrophones
15:30										
15:45										
16:00			Y Eldar & R van Sloun	K Thomenius				S Smith	A Tweedie	
16:15	UIA Sound Solutions - 'Ultrasound in Surgery and Therapy'					K van Dongen				(15 pax maximum)
16:30										
16:45							A Hagelauer			
17:00										A Hurrell
17:15	Session B									
17:30										
17:45					E Oruklu & J Saniie					
18:00										