

DATE	TIME	LECTURER	TITLE
Sunday	<i>From 3.00 pm Arrival – Room Keys</i>		
	7.15 – 7.30pm	J.-F. Aubry / G. ter Haar / V. Khokhlova	Welcome (in the conference room)
	7.30 pm Dinner		
Monday	8.45 – 9.00	J.-F. Aubry / G. ter Haar / V. Khokhlova	Overview & introduction
	Chair: Elisabeth Repasky		
	9.00 -9.45	R. Cleveland /	Acoustic propagation – soft tissue
	9.45 – 10.30	J.-F. Aubry	Focusing Ultrasound in complex media: the role of Time Reversal Mirrors
	Coffee break		
	11.00 -11.30	G. ter Haar	Biophysics: Heating, thermometry
	11.30 - 12.15	TBD	Biophysics: Cavitation
	12.30 Lunch		
	Chair: Arik Hananel		
	3.30 - 4.00	TBD	Basics of US imaging
	4.00 – 5.00	F. Steinmeyer	Basics of MR imaging and Monitoring
	5.00 pm Coffee		
	Chair:		
	5.15 – 6.00	TBD	Ultrasound transducers
	6.00 – 6.30	TBD	Monitoring & Guidance – US
7.00 pm Welcome Drink / Dinner			
Evening : Larry Crum Gluhwein lecture – hot topic (to be defined 6 months before the school)			
Tuesday	Chair:		
	9.00 – 9.45	B. Larrat	BBB opening
	9.45 – 10.30	H. Gruell	Thermal biology, thermal dose, cavitation dose
	Coffee break		
	11.00 – 11.45	E. Repasky	Tumour microenvironment & physiology
	11.45 – 12.15	G. ter Haar	Histology for therapeutic ultrasound
	12.30 Lunch		
	5.00 pm Coffee		
	Chair:		
	5.30 -6.15	E. Stride	Cavitation: Applications
6.15 – 6.45	TBD	Hyperthermia & chemo/radiotherapy	
Evening : What you always wanted to know about Magnetic Resonance Imaging and didn't dare to ask			
Wednesday	Chair: Eleanor Stride		
	8.45 - 9.30	TBD	The route to commercialisation
	9.30 -10.00	JF Aubry	Neuromodulation: proof of concept
	10.00 -10.30	M.Plaze	Neuromodulation for psychiatric disorders
	Coffee break		
	10.40 -11.15	E. Repasky	Tumour immunology/immunotherapy
	11.15-12.00	H. Gruell	Ultrasound mediated drug delivery
	12.30 Lunch		
	5.15 pm Coffee		
	Chair: G. ter Haar		
5.30 - 6.15	E. Harris	Competing technologies	
6.15 – 6.45	D. Jeanmonod	Ultrasonic neurosurgery	
Evening : How ultrasound physics can break the barriers in medicine ?			
Thursday	Chair: Mark Dewhirst		
	9.00 – 9.45	V. Khokhlova	Histotripsy
	9.45-10.30	D. Cranston	Current applications in Oncology
	Coffee break		
	11.00 - 11.45	H. Gruell	Clinical trial design – do's and don'ts
	12.30 Lunch		
	4.00 pm Coffee		
Chair: Oleg Sapozhnikov			
4.15 – 7.00	Student presentations		
Evening : (Table) Football world cup			
Friday	Chair: Vera Khokhlova		
	8.45 - 9.00	Vacate rooms and leave luggage in the main building	
	9.00 - 9.45	O. Sapozhnikov	Calibration & field characterization
	9.45 - 10.15	G. ter Haar	Experimental design : getting the physics right
	Coffee break		
	11.00 - 11.45	E. White	The path to reimbursement
11.45 - 12.00	Closing		
12:30 Lunch			
Departure to the airport			