



The 16th International Symposium on Therapeutic Ultrasound
Preliminary Program

Monday | 14 March, 2016

	Educational Sessions	
09:00-09:30	The role of bubbles and cavitation in therapeutic ultrasound	
09:30-10:00	Challenges for clinical trials in therapeutic ultrasound, the need for an evidence base & trial design	
10:00-10:30	The Future Operating Room – Current trends	
10:30-11:00	Coffee Break	
	Parallel Session 1	Parallel Session 2
11:00-11:30	Prostate HIFU – current status	Neuromodulation with ultrasound for beginners
11:30-12:00	Enhancement of drug delivery - clinical challenges & solutions	Thermometry in ultrasound fields, challenges & solutions in vivo, ex vivo & everywhere else!
12:00-12:30	Pain Palliation	Motion Compensation
12:30-13:30	Lunch	
13:30-13:45	Conference Opening: Jean Francois Aubry - ISTU President	
13:45-14:15	Keynote - MRgFUS - Crossing the chasm from proof-of-concept to mainstream treatment alternative - Kobi Vortman	
14:15-14:45	Keynote - MR guided focused ultrasound treatment of soft tissue tumors of the extremities - Pejman Ghanouni	
14:45-16:15	Brain Therapies	Body Therapies
16:15-16:45	Coffee Break	Poster Session (Clinical and Emerging Applications, Systems)
16:45-18:00	Brain Therapies - II	
18:00-20:00	Reception	

Tuesday | 15 March, 2016

08:30-09:00	Keynote - A new immunological approach for fighting Alzheimer's disease pathology and brain ageing: a lesson from tumor immunotherapy? - Michal Schwartz	
09:00-09:15	Live FUS Brain Surgery - Patient Preparation	
09:15-09:40	Coffee Break	
9:40-12:05	Blood Brain Barrier Disruption	MR Guidance
12:05-12:15	Live FUS Brain Surgery - Planning and Verification	
12:15-13:30	Lunch	
13:30-13:45	Live FUS Brain Surgery - Ablation	
13:45-15:30	Emerging Applications	Non-thermal Mechanisms
15:30-15:45	Live FUS Brain Surgery - Post Tx	
15:45-16:45	Coffee	Poster Session (Brain, Guidance, Non-Thermal)
16:45-18:00	Fry and Lizzi Awards Ceremony	

Wednesday | 16 March, 2016

08:30-09:00	Keynote - Focused Ultrasound Interventional Oncology: Local and Regional Control of Advanced Malignant Disease Is Here to Stay - Joan Vidal-Jove	
09:00-10:15	Student Award Competition	
10:15-10:45	Coffee	
10:45-12:45	Nanotechnologies and Drug Delivery	Modeling and Physics
12:45-13:45	Lunch	
13:45-16:00	Thermal Ablation	Non-MR Guidance
16:00-17:00	Coffee Break	Poster Session (Thermal Ablation, Nanotechnologies, Drug Delivery, Modeling)
17:00-17:15	Student Award Ceremony	
17:15-17:30	Concluding Remarks	

Thursday | 17 March, 2016 | Optional day

ISTU Innovation Day

Tour of Jerusalem: From Ancient to Modern Times

Lunch

Innovation Seminar:

Jonathan Medved, CEO of Our Crowd
The Start Up Nation: An open invitation

Adolfo Roitman, Lizbeth and George Krupp Curator of the Dead Sea Scrolls and Head of the Shrine of the Book, The Israel Museum, Jerusalem
Ancient Discoveries and Modern Innovations: From the Dead Sea Scrolls to the Nano Bible