

EUFUS 2017

Leipzig (Germany)

October 25, 2017 | Pre-conference Workshop
October 26 – 27, 2017 | EUFUS 2017

Wednesday – October 25, 2017

Pre-conference Workshops Experimental FUS and HIFU

Supported by BMBF Project SONO-RAY, ICCAS, IGT, IBMT, Philips and endorsed by ISTU

Faculty: Steffen Tretbar, Marc Fournelle, Michiel Postema, Björn Gerold, Maya Thanou, Nader Saffari, Ina Patties, Markus Kaiser, Chrit Moonen, Jean-Francois Aubry, Erik Dumont, Holger Gröll, Edwin Heijman et al.

Venue: ICCAS, Semmelweisstr. 12, 04103 Leipzig

	Topic	Speakers
09.30	Registration and Welcome	Andreas Melzer
09.45 – 10.45	Principles and Technology of FUS/HIFU Transducer Technology MR guided FUS(HiFU) Ultrasound guided FUS/HiFU	Steffen Tretbar Nader Saffari Chrit Moonen Jean-Francois Aubry
10.45 – 11.30	Principles and state of art of Drug Delivery Ultrasound Mediated Drug Delivery MR Guided HiFU induced TDD	Achim Aigner Maya Thanou Edwin Heijman
11.30 – 12.00	Medical Bubbles and Cavitation	Michiel Postema via SKYPE Bjoern Gerold
12.00 – 13.00	<i>Lunch Break</i>	
13.00 – 13.15	FUS simulations and tissue development models	Markus Kaiser
13.15 – 13.30	Solutions for small animal FUS & HiFU	Erik Dumont
13.30 – 13.45	FUS/HiFU supporting Radiation therapy	Ina Patties
13.45 – 14.00	Tumor Therapy Combining Imaging guided FUS and radiation-SonoRay	Lisa Landgraf
14.00	<i>Coffee Break</i>	
14.30 – 16.30	FUS/HIFU Hands-on: 1. How to build a transducer 2. Cell culture sonication 3. Sonalleve MRHiFU hands on demonstration (limited registration)	1. Lisa Landgraf 2. Marc Fournelle 3. Edwin Heijman

19:00 Get together “Ratskeller Leipzig”

free admission, more information: <http://www.eufus.org/2017events/>

Venue: Lotterstraße 1, 04109 Leipzig

EUFUS 2017

Program invited faculty

Program Committee (in alphabetical order): Thomas Andreae, Wladyslaw Gedroyc, Holger Gröll, Anja Kleber, Thomas Kahn, Lisa Landgraf, Matthias Matzko, Peter Medina, Andreas Melzer, Alessandro Napoli, Pamela Schwartz, Steffen Tretbar, TBC

Thursday – October 26, 2017

Venue: Salles de Pologne – Hôtel de Pologne, Hainstraße 18, 04109 Leipzig

7.30 **Registration Opens at Salles de Pologne**
Coffee and Tea

8.15 – 9.00 OPENING SESSION Opening remarks: Andreas Melzer, Matthias Matzko, Alessandro Napoli and Wady Gedroyc

8.30 – 9.00 2nd EUFUS Ferenc Jolesz, Memorial Lecture “Challenges of MR guided Interventions, Surgery and FUS” speaker: Wady Gedroyc (London, UK)
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9.00 – 9.30 Industry hot topics Speed Session 3 min + 2 min discussion
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9.30 – 10.00 **Coffee Break at Industry Exhibition**

CLINICAL SESSIONS

Organ Panels

10.00 – 11.30 Uterus Panel		
Schedule	Topic	Speakers
10.00	Keynote: MRgFUS What can go wrong? How to avoid complications	Matthias Matzko (Dachau, Germany)
10.15	MRgHiFU results	Roberto Blanco (Turku, Finland)
10.30	MRgHiFU results	Thomas Lozinski (Rzeszów, Poland)
10.45	“MRgFUS results and update on pregnancy registry”	Jaron Rabinovici (Tel Aviv, Israel)
11.00	"MR guided FUS with an new platform independent system ,initial experiences"	Kai-Wen Huang (Taipei, Taiwan)
Speed Scientific Presentations 3 min + 2 min discussion		
	Selected free paper	

12.00 – 13.30 Lunch Break at Industry Exhibition and Poster viewing

13.30 – 15.30 Musculoskeletal Panel		
Schedule	Topics	Speakers
13.30	<i>Face to face dispute</i> Osteoid Osteoma (OO)	Alessandro Napoli (Rome, Italy) vs. Christopher Trumm (Munich, Germany)
14.00	OO, Desmoid and other MS Tumors (MRgFUS)	Pejman Ghanouni (San Francisco, USA)
14.15	OO, Desmoid and other MS Tumors (MRHiFU)	Karun Sharma (Washington, USA) TBC
14.30	Facet joints and bone lesions	Markus Dux (Frankfurt, Germany)
14.45	Bone Mets and other bone lesions	Alberto Bazzocchi (Bologna, Italy) and Francesco Arrigoni (l'Aquila, Italy) TBC
Speed Scientific Presentations 3 min + 2 min discussion		
	Selected Free paper	

15.30 – 16.00 Coffee Break at Industry Exhibition

16.00 – 17.30 Prostate Panel		
Schedule	Topics	Speakers
16.00	Keynote: Treatment of Prostate Cancer, State of the Art and new concepts	Jens-Uwe Stolzenburg (Leipzig, Germany)
16.20	Comparison of HiFU methods	Roman Ganzer (Bad Tölz, Germany)
16.35	MR guided Transurethral US	Heinz Peter Schlemmer (Heidelberg, Germany) TBC
16.50	MR guided Transrectal FUS	Behfar Ehdai (New York, USA)
Speed Scientific Presentations 3 min + 2 min discussion		
	Selected Free paper	

17.30 – 18.30 EUFUS General Assembly

Proposals for next meetings 2019 & 2021 and board elections

19.30 Dinner at “Gondwanaland, ZOO Leipzig”more information: <http://www.eufus.org/2017events/>

Fees TBC

Friday – October 27, 2017

Venue: Salles de Pologne – Hôtel de Pologne, Hainstraße 18, 04109 Leipzig

8.00 – 10.00 Brain Panel		
Schedule	Topics	Speakers
8.00	Keynote: DBS or MRgFUS? The neurologist view	Gioacchino Tedeschi (Naples, Italy)
8.20	The neurosurgeons view	Jordi Rumià (Barcelona, Spain)
8.40	MRgFUS results UK	Dipankar Nandi (London, UK)
9.00	MRgFUS results Israel	Menashe Zaaroor (Haifa, Israel)
9.10	MRgFUS results Spain	Marta del Alamo (Madrid, Spain)
9.20	MRgFUS results Italy	Cesare Gagliardo (Palermo, Italy) TBC
	Hot topics Pending:	TBC
	Early results of Alzheimer treatment	TBC
	Experimental blood brain barrier opening	TBC
	Pediatric Brain tumor	TBC
Speed Scientific Presentations 3 min + 2 min discussion		
	Selected free paper	

10.00 – 10.25 Coffee Break at Industry Exhibition

10.25 – 10.45 SPECIAL LECTURE

“Neuromodulation: State of the art, is there any space for FUS/HiFU?”

speaker: Arno Villringer, Max Planck Institute for Neurocognitive Science (Leipzig, Germany)

10.45 – 11.00 SPECIAL LECTURE

“Overview of current Ultrasound induced Neurostimulation Methods”

speaker: Jean-Francois Aubry, Institute Langevin (Paris, France)

11.00 – 12.00 Breast Cancer and Benign Lesions		
Schedule	Topics	Speakers
11.00	Keynote: State of the art and research FUS/HiFU in Breast Cancer	Chrit Moonen (Utrecht, The Netherlands) (ISTU)
11.15	Thyroid adenoma	Hüdayi Korkusuz (Frankfurt/Main, Germany) TBC
11.30	Breast Fibroadenoma	Markus Hahn (Tübingen, Germany)
11.40	"US-guided HIFU of breast fibroadenoma - a perspective for long-term disease control"	Roussanka Kovatcheva (Sofia, Bulgaria)
Speed Scientific Presentations 3 min + 2 min discussion		
	Selected Free paper	

12.00 – 13.00 Lunch Break at Industry Exhibition

13.00 – 14.15 Abdomen Panel		
Schedule	Topics	Speakers
13.00	Keynote I: "MR-guided FUS/HiFU of Abdominal Organs"	Wady Gedroyc (London, UK)
13.15	"Technology update: FUS/HiFU on moving organs"	Chrit Moonen ISTU
13.25	"Novel Technology for Liver MRgFUS TransFusimo EU FP7 Project"	Tobias Preusser (Bremen, Germany) for the Consortium
13.35	Keynote II: "Treatment Options of FUS/HiFU for Pancreatic Cancer"	Joo Ha Hwang (Washington, USA)
13.40	"Latest clinical results Pancreatic cancer US guided HiFU"	Joan Vidal-Jové (Barcelona, Spain)
13.50	MR guided HiFU treatment of Pancreatic cancer	Hans Heinz Schild (Bonn, Germany) TBC
Speed Scientific Presentations 3 min + 2 min discussion		
	Selected Free paper	

14.15 – 14.45 SPECIAL LECTURE
 "Where are we with FUS/HiFU mediated Drug Delivery?"
 speaker: Edwin Heijman, University Cologne, Germany

14.45 – 15.15 EUFUS Horizon Lecture
 Hot topic: "Focused Ultrasound Immunotherapy"
 speaker: Gosse J. Adema (Nijmegen, The Netherlands)

15.15 – 15.45**Coffee Break at Industry Exhibition****15.45 – 17.00****Special Focus Session**

EU FP7 project IPACT (Image guided Pancreatic Cancer Therapy)

Organised by Holger Grüll for the IPACT Consortium

Room: TBC

15.45 – 17.00 Reimbursement, clinical trial and registry Discussion Panel		
Schedule	Topics	Speakers
15.45	Status of current GBA Study on Uterus applications Germany, Launch	Thomas Andreae (Helsinki, Finland)
15.55	Exemplary reimbursement strategies in Europe: Germany	Thomas Kahn for the Leipzig Team
16.05	Exemplary reimbursement strategies in Europe: “Forfait Innovation” France	Michel Nuta (Paris, France)
16.15	Exemplary reimbursement strategies in Europe: HMO Israel	Jaron Rabinovici (Tel Aviv, Israel)
16.25	Exemplary reimbursement strategies in Europe: Finland	Roberto Blanco (Turku, Finland)
16.35	Exemplary reimbursement strategies in Europe: Polen	Thomas Lozinski (Rzeszów, Poland)
16.45	Exemplary reimbursement strategies in Europe: NHS UK	Wady Gedroyc (London, UK)
Speed Scientific Presentations 3 min + 2 min discussion		
	Selected free paper	

17:00 -18:00 How to set up a Center for FUS/HiFU?		
Short reports 5 min and discussion of requirements and procedures		
Schedule	Topics	Speakers
17.00	United States: MRgFUS	Pejman Ghanouni (San Francisco, USA)
17.10	Germany: MRgFUS	Matthias Matzko (Munich, Germany)
17.20	Germany: MR HiFU	Leifels Leipzig Team (Germany)
17.30	Italy: MRgFUS	Alessandro Napoli (Rome, Italy)
17.40	United Kingdom: MRgFUS	Wady Gedroyc (London, UK)
17.50	Finland: MR HiFU	Roberto Blanco (Turku, Finland)
Speed Scientific Presentations 3 min + 2 min discussion		
	Selected free paper	

Call of abstracts: deadline July 10

September deadline for hot topic submission

Registration fees for all delegates include two year membership fees of EUFUS (European Focused Ultrasound Charitable Society)

EARLY BIRD RATE	UNTIL 31st August, 2017	AFTER 1st September 2017	ONSITE
MD	€ 400	€ 500	€ 600
Students* / Residents**	€ 60/120	€ 80/180	€ 100/200
Ultrasound Researchers	€ 170	€ 250	€ 300

*** Student ID card required**

**** Letter from Head of Department required**