

World's 1st Symposium on Ultra High Frequency Ultrasound in Translational Research

Hôpital Européen Georges Pompidou, Paris, France

Venue: Online

Scientific Committee: Rosa Maria Bruno and Pierre Boutouyrie (Paris, France)

Thursday – September 10, 2020

12:15	Online venue open
12:30 – 12:45	Welcome Address Prof. Pierre Boutouyrie (Hôpital Européen Georges Pompidou, Paris, France)
12:45 – 13:00	Ultra High Frequency Ultrasound in Translational Research – New Developments Greg Nesbitt (Fujifilm VisualSonics)
13:00 – 13:30	Keynote lecture: Ultra High Frequency Ultrasound in Artery Research Prof. Pierre Boutouyrie (Hôpital Européen Georges Pompidou)
Vascular Session	
13:30 – 13:50	Ultra High Frequency Ultrasound in Fibromuscular Dysplasia Dr. Rosa Maria Bruno (Hôpital Européen Georges Pompidou)
13:50 – 14:15	Ultra High Frequency Ultrasound in Pediatric Peripheral Artery Imaging Dr. Frida Dangardt (The Queen Silvia Children's Hospital, Gothenburg, Sweden) Dr. Taisto Sarkola (Helsinki Children's Hospital, Helsinki, Finland)
14:15 – 14:35	Ultra High Frequency Ultrasound in Giant Cell Arteritis Jana Humbert (University Medical Center Schleswig-Holstein, Kiel, Germany)
14:35	Q&A – Panel discussion
Dermatology Session	
15:00 – 15:20	Ultra High Frequency Ultrasound for Imaging Inflammatory Skin Diseases Dr. Valentina Dini (Department of Dermatology, University of Pisa, Pisa, Italy)
15:20 – 15:40	Ultra High Frequency Ultrasound in Basal Cell Carcinoma Dr. Julie Chauvel Picard (CHU de Saint-Etienne, France)
15:40 – 16:00	Ultra High Frequency Ultrasound in Imaging Skin Cancer Dr. Teresa Oranges (Anna Meyer Children's University Hospital, Florence, Italy)
16:00	Q&A – Panel discussion
16:15 – 17:00	Imaging with the Vevo MD system (live demo)
17:00	Closing Remarks

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Friday – September 11, 2020

08:45 Online venue open

09:00 **Welcome Address**
Prof. Pierre Boutouyrie (Hôpital Européen Georges Pompidou, Paris, France)

Surgery Mapping & MSK

09:00 – 09:20 **Perspectives of Ultra High Frequency Ultrasound in Reconstructive Surgery**
Prof. Laurent Lantieri (Hôpital Européen Georges Pompidou, Paris, France)

09:20 – 10:00 **Ultra High Frequency Ultrasound in Reconstructive Microsurgery: From Perforator Flaps to Lymphatic Surgery**
Dr. Giuseppe Visconti (Fondazione Policlinico Universitario "A. Gemelli", Rome, Italy)

10:00 – 10:20 **Ultra High Frequency Ultrasound in Sport Injuries in the Leg**
Prof. Martin Busse (Leipzig University Sports Medicine, Leipzig, Germany)

10:20 – 10:40 **Ultra High Frequency Ultrasound in Sport Injuries in the Hand**
Dr. Daniela Berritto (Private Hospital "Villa Fiorita", Capua, Caserta, Italy)

10:40 Q&A – Panel Discussion

Future Development Session

11:00 – 11:20 **Clinical Applications of Photoacoustic Imaging Combined with Ultra High Frequency Ultrasound**
Malin Malmsjö (Skane University Hospital, Lund University, Lund, Sweden)

11:20 – 11:40 **Image processing algorithms and AI-based decision tools applied to Ultra High Frequency Ultrasound**
Francesco Faita, PhD (Italian National Research Council, Pisa, Italy)

11:40 – 12:00 **Tomographic Ultra High Frequency Ultrasound – Taking the Vevo MD to the Third Dimension**
Robert Bauer (piurimaging GmbH)

12:00 Q&A – Panel Discussion

Closing Remarks and Symposium Evaluation

14:00 Round Table: Standardizing Peripheral Artery Imaging with Ultra High Frequency Ultrasound