


# HealthTech Day 2021

2<sup>nd</sup> conference meeting of the ITI HealthTech consortium

 Wednesday, December 1<sup>st</sup> 2021

 Lecture hall A207, Pôle API building  
300 Bd Sebastien Brant, Illkirch–Graffenstaden

Information Sciences  
and Technology for Healthcare |  
HealthTech  
The Interdisciplinary thematic institutes  
of the University of Strasbourg & INSERM & Inserm  
funded under the Excellence Initiative program

Register here before November 19<sup>th</sup>: [registration link](#)



## 9:00 Introductory words

Prof. Bayle, University of Strasbourg and ICube Laboratory

## 9:20 100 years since Paul Langevin's observation of biological effects of ultrasound: A short review of the field of therapeutic ultrasound

Dr Vappou, CNRS research scientist, ICube Laboratory

## 10:05 Biomechanical modeling and simulation of the human balance system

Dr Baumgartner, University of Strasbourg and ICube Laboratory

Prof. Charpiot, Strasbourg University Hospital and ICube Laboratory

## 10:35 Coffee Break – *Upon presentation of the French Health Pass*

## 11:00 PhD student session

## 12:00 University hospital institutes (IHU): a new paradigm for innovation in the health sector?

Dr Bollinger & Dr Ruiz, University of Strasbourg and BETA Laboratory

## 12:30 Lunch buffet – *Upon presentation of the French Health Pass*

## 14:00 Microstructure imaging by diffusion MRI : modeling, simulation, machine learning, application to brain imaging and more

Prof. Thiran - Ecole Polytechnique Fédérale de Lausanne, Switzerland

## 14:45 CAMMA (IHU-Unistra) research projects overview

Dr Exarchakis, Dr Karargyris & Dr Mazellier, IHU research scientists

## 15:15 Artificial Intelligence in science: An emerging general method of invention

Dr Bianchini, University of Strasbourg and BETA Laboratory

## 16:00 Conclusion

Prof. Bayle, University of Strasbourg and ICube Laboratory