





# 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 |

The **Interdisciplinary thematic institutes**   
of the **University of Strasbourg**  & **Inserm**  
funded under the **Excellence Initiative** program 

**HealthTech**

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