

The Interdisciplinary thematic institutes of the University of Strasbourg & ⊕ & ⊪ Inserm funded under the Excellence Initiative program ()

HealthTech Day 2022

Join us and seize this opportunity to initiate interdisciplinary collaborations with other HealthTech members. The scientific program includes several conferences, a session for PhD students, opportunities to network and two plenary lectures.

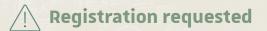
Keynote speakers:



Prof. Ferdinando Rodriguez y Baena Imperial College London



Prof. Sylvain Gioux Intuitive Surgical



December 12th 2022



9:00 ам - 4:00 рм



Illkirch Campus

www.healthtech.unistra.fr

HealthTech Day 2022



Monday, December 12th

Illkirch Campus, Lecture hall A207

09:00 Introductory words & HealthTech activity report

Prof. B. Bayle, University of Strasbourg

09:20 Plenary conference - "An overview of the Hamlyn Centre and mechatronics in medicine laboratory"

Prof. F. Rodriguez y Baena, Imperial College, Hamlyn Centre, London, UK

10:10 Scientific lectures #1

"Biomechanics of breast implants: prevention of aging and early rupture" Prof. N. Bahlouli, University of Strasbourg & Dr S. Chatelin, CNRS Research Scientist

"Self-supervised approaches for human pose estimation in the operating room" Dr V. Srivastav, IHU Strasbourg & University of Strasbourg

"Fully non-contact optical elastography using digital holography"

Dr A. Nahas, University of Strasbourg

11:25 COFFEE BREAK

11:50 Young researcher session

- "Autonomous endovascular guidewire navigation" V. Scarponi
- "The implementation of a management tool in a highly innovative organization in the medical sector: impact on creativity teams / Case of IHU Strasbourg" - L. Leydinger
- "Real-time unsupervised domain adaptation for FIB-SEM cell segmentation" A. Stenger
- "Latent graph representations for automated critical view of safety assessment"-A. Murali

12:50 LUNCH BUFFET

14:00 Plenary conference – "Improving surgical vision during minimally invasive procedures" Prof. S. Gioux, Intuitive Surgical

14:50 Scientific lectures #2

"Robot-assisted focused ultrasound therapy for localized drug delivery in the brain"

Dr J. Vappou, CNRS Research Scientist & A. Saood, University of Strasbourg

- "Image-quided liver needle-based procedures: current challenges, and future perspectives"
- Dr J. Verde, IHU Strasbourg & Dr A. Garcia, IHU Strasbourg

"Percutaneous cementoplasty in pelvic oncology"

Prof. J. Garnon, Strasbourg University Hospital & C. Sieffert, University of Strasbourg

16:05 Young researcher presentation prize attribution and closing remarks