

Session 2

- DIGITAL DIAGNOSIS OF PATIENT FOR PERSONALIZED ANEURYSMAL TREATMENTS
 - Guy Courbebaisse
- INSA Lyon – CREATIS research institute

Organization



#H2020PartnerHealth

- INSA Lyon is a unique public research center which joins education activities, research laboratories & socioeconomic partners,
- France , Rhône-Alpes,
- CREATIS research institute,
- Expertise of CREATIS:
 - Biomedical imaging research laboratory (~200 persons),
 - Identification of major health issues that can be addressed by imaging,
 - Identification of theoretical barriers in biomedical imaging related to image processing and numerical simulation,
 - Multidisciplinary approach (5 research teams interacting in ICT, engineering and life sciences).
- Past experience: PI and Scientific Coordinator of the FP7 ICT project 'THROMBUS' <http://www.thrombus-vph.eu> (2011 - 2014).

Societal Challenge

Health, Demographic Change and Wellbeing



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- Description of the project idea
 - **Title:** Digital diagnostic of patient for personalized aneurysmal treatments by endovascular prosthesis,
 - **SC1-DTH-06-2020:** Accelerating the uptake of computer simulations for testing medicines and medical devices,
 - **Objective:** The project focuses on the establishment of a patient-specific score reflecting the efficiency rate of a treatment by endovascular prosthesis,
 - **Consortium :** INSA Lyon (PI), ULB, CHU Charleroi, University of Geneva, HUG, ...,
 - **Profile of the partners sought :** SME, ERIC and research institute partners,
*Domains : Artificial Intelligence - Machine learning - Databases – Digital user interfaces – Visualization.

Contact details



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