CAMI days
8th & 9th of November, 2018
BREST
November, 8th, 8:30 AM – 6:30 PM
Digital Cluster Brest Bouguen, 6 Rue du Bouguen, Brest

08:30 – 09:00 WELCOME COFFEE

09:00 – 09:30 WELCOME TALK
Jocelyne TROCCAZ (TIMC-IMAG), CAMI Labex Coordinator
Eric STINDEL (LATIM), Director of LATIM

09:30 – 10:30 CAMI integrated projects (J. Troccaz)
09:30 – 09:45 Flexter
09:45 – 10:00 Simple
10:00 – 10:15 Augmented Endoscopy
10:15 – 10:30 Surgical Cockpit

10:30 – 11:00 COFFEE BREAK

11:00 – 12:00 3rd YEAR CAMI PHD STUDENTS’ PRESENTATIONS (PART I) (P. Haigron)
11:00 – 11:30 Robust Camera Autocalibration on Distributed Endoscopy (L. Gao, ICUBE / TIMC)
11:30 – 12:00 Force feedback compensation of the stiffness perception in collaborative robotic laparoscopic surgery (F. Schmitt, ICUBE / ISIR)

12:00 – 02:00 LUNCH

02:00 – 02:30 INVITED TALK (E. Stindel)
Augmented reality in Laparoscopic gynaecological surgery
P. Chauvet, CHU Clermont-Ferrand
02:30 – 03:00  
Robotic assistance in prostate brachytherapy by haptic guidance (M. Djohossou, LATIM)

03:00 – 03:30  
Augmented Perception in Transoral Robotic Surgery for Tongue Base Cancer (J. Shen, LTSI / LIRMM)

03:30 – 04:00  
Analysis and quantification of quality in laparoscopic surgery based on spatial and temporal features (A. Derathé, TIMC / LTSI)

03:45 – 04:00  
Development of a biomechanical model and design of a realistic phantom for the evaluation of an innovative medical vacuum hemostasis device for the treatment of benign prostatic hyperplasia (M. Dieng, TIMC)

04:00 – 04:30  
COFFEE BREAK

04:30 – 06:00  
Surgical Robotics for co-manipulated laparoscopic Procedures (M. Arico, ISIR / ICUBE)

04:45 – 05:00  
Position control of medical cable-driven surgical instruments (R. Aleluia-Porto, ICUBE / ISIR)

05:00 – 05:15  
Contributing to the development of continuum robots with hybrid actuation (Q. Peyron, ICUBE)

05:15 – 05:30  
Optimization of treatment planning for non-coplanar beam in external radiotherapy (F. Okoli, LATIM / LIRMM)

05:30 – 05:45  
Medical images and biomechanical modeling for video assisted thoracic surgery (P. Alvarez, LTSI / TIMC)

05:45 – 06:00  
Design of a microbiota sampling device using a bistable mechanism: Modeling of a small sized bistable mechanism (M. Ben Salem, LIRMM / ICUBE)

07:30 PM  
DINNER AT THE OFFSIDE BAY RESTAURANT
### November, 9th, 10:00 – 12:30 (management board)

Institut Brestois de Recherche en Bio-Santé (IBRBS), 3<sup>rd</sup> floor, 12, avenue Foch, Brest

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<td>WELCOME, INTRODUCTION TO THE MEETING</td>
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<td>OVERVIEW OF CAMI ACHIEVEMENTS AND CAMI 2 PROPOSAL</td>
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DAY 1: ADDRESS & PLAN

Digital Cluster Brest Bouguen
6 Rue du Bouguen
29200 Brest

HOW TO COME:

From the airport
- Take the shuttle bus 40 until the station “Porte de Guipavas”
- Take the tramway A until the station “Liberté”
- Take the bus 1, direction “Hôpital Cavale Blanche” until the station “Bouguen”

From the train station
- Take the bus 1, direction “Hôpital Cavale Blanche” until the station “Bouguen”
DAY 2: ADDRESS & PLAN

Institut Brestois de Recherche en Bio-Santé (IBRBS)
3rd floor (salle de conseil)
12, avenue Foch
29200 Brest

HOW TO COME:

From the city center / train station
  • Take the bus 1, direction “Hôpital Cavale Blanche” until the station “Albert 1er”

From the airport
  • Take the shuttle bus 40 until the station “Porte de Guipavas”
  • Take the tramway A until the station “Liberté”
  • Take the bus 1, direction “Hôpital Cavale Blanche” until the station “Bouguen”
Restaurants: Address & Plan

Offside Bay
4, rue de Siam
29200 Brest

How to come:

From the city center
- Less than 10 min walk along Siam street
- Or Take the tramway A, direction Plouzané, until the station “Château”

From Digital Cluster Bouguen
- Take the bus 1, direction “Fort Montbarey”, until the station “Liberté Quartz”
- Take the tramway A, direction “Plouzané”, until the station “Château”