

PCT Meeting, April 25, 20013, CAL-Nice

- Objectives:
 - Welcoming Pr R. Schulte, Loma Linda: status of pCT
 - Welcoming I. Rinaldi HIT-Heidelberg: carbon radiography at HIT
 - Progress reports of the works done at IPHC-Strasbourg and CREATIS-IPNL – Lyon
 - Requirements by clinicians
 - Discussion on further works (2-years plans)
 - CAL-Nice context
- Present situation
 - Several groups involved in France (National working group within MI2B)
CAL-Nice, CPPM, CREATIS, IPHC, IPNL, LPC-Caen
 - Know-how:
 - simulations
 - reconstruction (IPHC, CREATIS)
 - proton imaging (QAPIVI: IPNL, IPHC)
 - Instrumentation détection (ex: CMOS, hodoscope, calorimétry...)
 - Fast acquisition (TCA)
 - Potential international, collaborators
Heidelberg/Munich, TERA, IBA, London...
- Next future:
 - Post-doc Idex IPHC 2013-2015
 - Post-doc simulations Labex PRIMES CREATIS-IPNL 2013-2015
 - PhD reconstruction CREATIS 2013-2016

Thursday 25 April 2013

- Welcome Coffee (10:00-10:30)
- Welcome (Prof. Jean-Michel Hanoun-Levi) (10:30-10:45)
- Introduction (Denis Dauvergne) (10:45-11:00)
- pCT (Reinhard Schulte) (11:00-11:30)
- Transmission Imaging using therapeutic ion beams (Ilaria Rinaldi) (11:30-12:00)
- Presentation of the future proton therapy infrastructure of the Centre Antoine Lacassagne (Pierre Mandrillon) (12:00-12:30)

- Lunch (12:30-14:00)

- pCT interest in proton therapy management (Régis Amblard) (14:00-14:30)
- Status of simulation and reconstruction R in Lyon (Georges Dedes) (14:30-14:45)
- Status of simulation R in Strasbourg (Cécile Bopp) (14:45-15:00)
- Debriefing of the meeting on Dec 12 2012 at IBA (Nicolas Freud) (15:00-15:15)
- Discussion + Conclusion (Christian Morel) (15:15-15:45)
- End of meeting followed by a visit of the CAL installations (15:45-16:45)