

Biomechanics Mini-symposium Technical Program

Sunday, December 19th, 2010

7.00AM – 8.30AM: BREAKFAST

9.00AM – 9.25AM: MONNET T., VALLEE C., LACOUTURE P.; *External identification of the body segment parameters*; France.

9.25AM – 9.50AM: KHATERCHI H., CHAMEKH A., HAMBALI R. BEL HADJ SALAH H.; *Prediction of bone mechanical properties from physiologic data by neural network computation*; Tunisia.

9.50AM – 10.20AM: MAYEUR O., CHAARI F., DELILLE R., GUILLEMOT H., DRAZETIC P.; *Virtual human thorax model reconstruction: from medical imaging to finite element model*; France.

10.20AM – 10.50AM: COFFEE BREAK

10:50AM – 11:20AM: (Icamem Keynote lecture) LEKSZYCKI T.; *Selected problems of modeling in bone biomechanics*; Poland.

11.20AM – 11.45AM: MEHREZ S., SMAOUI H., TANAKA M. L., BEN SALAH F. Z., GRANATA K. P.; *Effect of vertical loads on trunk stiffness*; Tunisia.

11.45AM – 12.10AM: P KRAKOWIAN; *Investigation and modeling of bone fracture healing*; Poland.

12.10AM – 12.40AM: CHEZE L., MOISSENET F., DUMAS R.; *State of the art and current limits of musculoskeletal models*; France.

12.40AM – 13.00PM: GAMMOUDI K., KHARRAT M., DAMMAK M., ABDELMOULA R., RAMTANI S.; *Mechanical response under pull-out loading of the stainless steel post/HDPE cylinder fixation with interference fit*; Tunisia.

13.00PM – 14.30PM: LUNCH