

Technology Transfer Workshop on Biomedical Simulations

Sofia, December 4, 2014

Technology Transfer Workshop on Biomedical Simulations was organized by Institute of Information and Communication Technologies, Bulgarian Academy of Sciences. The aim of the workshop was to present some recent activities related to biomedical simulations and advanced applications developed in the ICT BAS in collaboration with medical and industrial partners.



The event was opened by the vice-director of ICT BAS, Assoc. Prof. Krassimir Georgiev. Then the program continued with a plenary lecture “*Good practices in medical-informatics applications*” given by Dr. Wolfgang Fenz from RISC Software GmbH, Johannes Kepler University Linz.



Other topics of extensive research addressed at the workshop are related to computer simulation of radio frequency ablation and text analysis in large repositories of patient records.



The specialized medical software MEDVIS 3D was presented. This is a system for visualization, segmentation of medical image data, and simulation of blood flow through 3D structures. The event was concluded by a hands-on demonstration of haptic simulator for clipping surgery of intracranial aneurysms based on the technology of MEDVIS 3D.

