

Japanese-Estonian Collaborative Research Group on Medical/Assistive Robotics

Publicity Day

Tallinn 26.02.2010

Agenda

09.30	Introduction and welcome
09.30 – 10.30 Fuijo Miyawaki	Overview of Miyawaki Lab. at Tokyo Denki University, Methods of collecting surgical data in real-time.
10.30 - 11.00 Coffee	
11.00 - 12.00 Kitaro Yoshimitsu	Evolutionary design and latest results on Scrub Nurse Robot (SNR) design.
12.00 – 13.00 Jüri Vain	Overview of SNR related research at TUT: Learning and control architecture of the SNR, Human-Machine interaction learning and planning
13.00 – 14.00 Lunch	
14.00 – 14.30 Aivo Anier	Model-based software framework for implementing SNR
14.30 – 15.00 Sven Nõmm	Motion recognition and learning of SNR
15.00 - 16.00	Lab tour to Autonomous Cognitive Systems Lab, work-in-progress demo (Raja 15, Room IT-217)
16.00 – 17.00	Round table discussion on cooperation follow-up and extension.

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- Prof. Fuijo Miyawaki, MD. Graduate School of Advanced Sc. & Tech. Tokyo Denki University, (<http://www.miyawaki-lab.com/>)
 - Kitaro Yoshimitsu, Dr. Institute of Advanced Biomedical-engineering and Science, Tokyo Women's Medical University, Japan (http://www.twmu.ac.jp/U/english/e07_research.html)
 - Prof. J. Vain, Dr. Dept. of Computer Science, Tallinn University of Technology, (<http://cs.ttu.ee>) and the Institute of Cybernetics (<http://www.cc.ioc.ee/>).
 - Sven Nõmm, Dr. Institute of Cybernetics at TUT (<http://www.cc.ioc.ee/>).
 - Aivo Anier. Dept. of Computer Science, Tallinn University of Technology (<http://cs.ttu.ee>)