

Osalemine konverentsil Joiny Conference of EMBEC'17 & NBC'17. Margus Metshein.

I, Margus Metshein, PhD student of Thomas Johan Seebeck Department of Electronics of Tallinn University of Technology, participated the Joiny Conference of EMBEC'17 & NBC'17 that took place in Tampere, Finland on 11-15.06.2017. The papers of this conference will be published by Springer in IFMBE conference proceedings series which is being cited for example by Scopus, Springer Link and Google Scholar. The conference presents all BMES and BME areas but also new emerging fields such as tissue engineering, bioinformatics etc.

At the conference I had oral presentation with the title "Variation of cardiac and respiratory waveform on human thorax in the case of inductive coupling" and as an outcome, the paper with the same title was published (ETIS 3.1). In the paper, the results of the experiments of monitoring the cardiorespiratory activity of human by using magnetic induction measurements in the case of using a single coil on the surface of the thorax, were presented. The results that revealed the full availability of breathing and partial availability of heart beating, were discussed.

During the conference I got good overview of the novel trends in my research area and got valuable feedback concerning my presented paper. Moreover, the amount of new contacts that I gathered during the event can be considered as priceless. Many thanks to IT Academy for funding my participation.

