

GALA EKSPERTĪZE

Excellence

The research project has achieved the planned objectives. Its results are very interesting both from a scientific and application point of view. The long-term changes of voice parameters in teachers using an assistive technology and their effect on listening and attention skills in children have been analysed with 20 teachers and 250 pupils in Latvia and Italy. This is remarkable because of the originality of the topic, combined with the breadth of the analysis. Four publications have been accepted and a fifth one is currently under revision. The researcher also participated in an intensive workshop on Voice signal acoustic analysis in Antwerp (Belgium), worked, during a mobility period, at the Turin Polytechnical Institute (Italy), participated in a number of international congresses, and learned new data processing methods and skills to use vocal dosimeter Vocal Holter Med (PR.O.Voice Srl).

Even though there was a negative effect of the COVID crisis, the researcher managed to achieve the project objectives.

100 %

Impact

It is clear that the project may have a positive influence on the analysed product and, hence, on the market, as it tested the device in ecological conditions and provided concrete recommendations about its improvement. It is really important that the results of the studies were shared with the manufacturer of the device. The modification of the device in the spring of 2019 shows the importance of the conducted research for application and technology improvement.

Furthermore, a number of dissemination activities (presentations, engagements activities, interviews) have been undertaken in order to raise public awareness about voice ergonomics and teachers' vocal load in society.

Also, as the researcher participated in a number of international conferences, the results of the research were promoted, which has a positive impact on the image of the University and the country in general.

Finally, the collaboration with European researchers may grow up into a long-term international cooperation and, hopefully, future research projects.

100 %

Capacity

The activity was done in accordance with the work plan, time plan and within the planned budget.

In this sense, the researcher has the full capacity to continue with this research on a socially-important topic. A recommendation could be to further exploit the European collaborations initiated during the project to build even broader research projects.

100 %

Overall **100 %**