

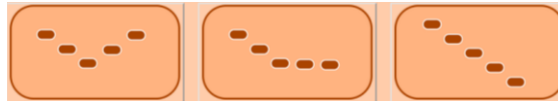
Białystok 2024.05.14

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Dear Everyone,

The 'EARPLANTED' platform, designed to facilitate full participation in the social life of individuals after cochlear implantation, was created at the Faculty of Physics, University of Białystok. The platform is free and serves as a tool for assessing the understanding of pitch and timbre of sound, enhancing auditory perception, and recording changes over time.

Users interact with the platform by listening to simple (five-tone) melodic contours and associating them with diagrams illustrating the pitch of these sounds.



Example of three melodic contours (out of 9 possible) to listen to and correctly identify. The 'EARPLANTED' platform randomly generates contours for users to guess, and the user's task is to indicate the picture representing the played melodic contour. No knowledge of musical notes, staff notation, etc., is required.

To correctly interpret the results, we need data on how people with normal hearing perceive pitch and timbre. We invite students, researchers, and individuals outside of the University of Białystok to voluntarily participate in our project. Both musically inclined individuals and those who believe they lack musical hearing are welcome (in fact, we particularly encourage the latter).

You can access the platform from desktop computers, laptops, mobile phones, and other mobile devices. Application is safe and you can confirm it by writing an e-mail to k.szymanski@uwb.edu.pl. Since your activity will be recorded in the "IMPLANTED" database, consent is required (as mandated by GDPR) during registration, allowing the creation of a personal account with a login and password. Details can be found on the main page of the platform at <https://zaimplantowani.fizyka.uwb.edu.pl>. Interested individuals can test the platform's functionality (without registration) using a demo account (username 555, password 555).

We invite you to join us!

Prof. Krzysztof Szymański
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