Sound of Vision: natural sense of vision through acoustics and haptics . Sound of Vision will design, implement and validate an original non-invasive system to assist visually impaired people in independent mobility. The system will create and convey a combined auditory-haptic representation of the surrounding environment. This representation will be created, updated and delivered to a blind person continuously and in real time. This system will help visually impaired people to navigate in indoor and outdoor spaces, without the need for predefined tags/sensors located in the surroundings.

Project team: prof. P. K. Strumiłło – leader; dr inż. Przemysław Brański; dr inż. M. Bujacz; dr inż. Paweł Poryzała, dr inż. Dariusz Rzeszotarski; dr inż. Piotr Skulimowski; mgr inż. Mateusz Owczarek, inż. Maciej Janeczek; inż. Katarzyna Sprawka

Years: 2015 – 2017

Project type: Horizon 2020, research and innovation grant

Publications:

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