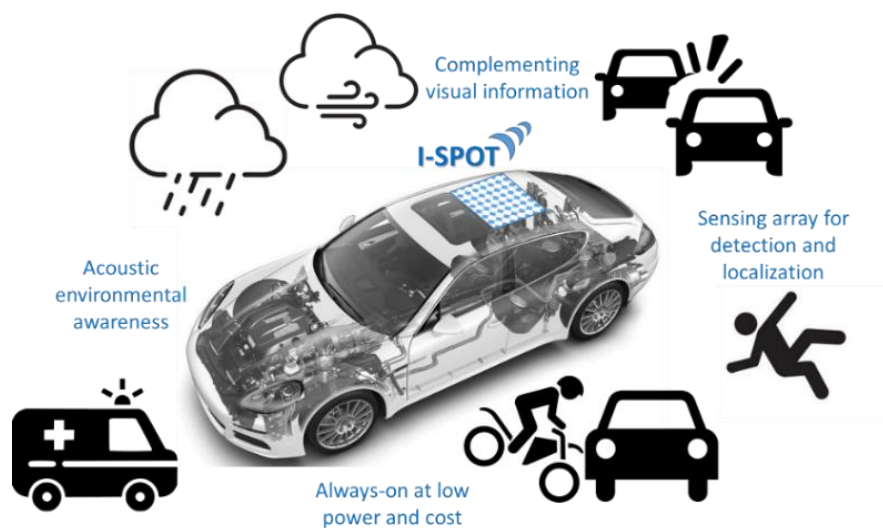


H2020 MSCA-ITN European Doctorate



I-SPOT
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Midterm reports on communication and dissemination activities

Deliverable D8.3



Document history – List of changes

Version	Date	Author name	Scope
V1.0	29.10.2022	Marian Verhelst	Report generation

I-SPOT communication and dissemination activities

In this report, we will differentiate between events targeting communication/ dissemination to a specialized academic research community, events targeting communication/ dissemination to a broader technical community, and long term actions targeting communication/ dissemination to the general public.

1. Communication/dissemination events to specialized academic research community

The outcomes of the I-SPOT research are, and will further be, published in academic research venues, such as conferences, workshops and journals. So far, following articles have been presented and submitted:

Table 1 Published research results

	Publication
1	S. Damiano, F. Borra, A. Bernardini, F. Antonacci and A. Sarti, " <i>Soundfield Reconstruction in Reverberant Rooms Based on Compressive Sensing and Image-Source Models of Early Reflections</i> ," 2021 IEEE Workshop on Applications of Signal Processing to Audio and Acoustics (WASPAA), 2021, pp. 366-370, doi: 10.1109/WASPAA52581.2021.9632746.
2	S. Damiano, and T. van Waterschoot, " <i>Pyroadacoustics: a Road Acoustics Simulator Based On Variable Length Delay Lines</i> ", in Proceedings of the 25th International Conference on Digital Audio Effects (DAFx20in22), 2022, pp. 216-223.
3	J.Yin, and M. Verhelst, " <i>CNN-based Robust Sound Event Source Localization with SRP-PHAT for Extreme Edge</i> ", submitted to Transactions on Embedded Computing Systems

2. Communication/dissemination events to broader technical community

I-SPOT researchers and PI's have been active in the organization of several workshops and training courses, in which the I-SPOT results are also discussed and disseminated to other industrial and academic participants. Following activities took place:

Table 2 I-SPOT related dissemination actions

	Event	Involved I-SPOT member
1	Invited Lecture: “Acoustics as intangible cultural heritage: measurement, archiving and reproduction,” Invited Lecture at VAIA Study Day on the Analysis and Disclosure of Cultural Heritage using Artificial Intelligence, Brussels, Belgium, Mar. 2022.	Prof. van Waterschoot
2	MEAD training course on HW Accelerated Machine Learning at the Edge	Prof. Verhelst
3	Invited speech: “Simulation of room acoustics and reverberant sound,” Invited Lecture at Danish Sound Cluster Webinar on “Data simulation for AI”, online, Jun. 2022.	Prof. van Waterschoot
4	12th Bosch PhD Conference 2022	A. Guntoro
5	(3) Keynote Lecture: “Spatial acquisition, interactive auralization, and perceptual modeling of church acoustics,” Keynote Lecture at 17th International Workshop on Acoustic Signal Enhancement (IWAENC 2022), Bamberg, Germany, Sept. 2022.	Prof. van Waterschoot

3. Long term communication/dissemination actions to the general public

I-SPOT researchers and PI’s are involved in several broad communication actions, using I-SPOT results. Moreover, specific communication channels have been set up to reach a wide audience during the I-SPOT project. All activities are summarized in Table 3. It is important to note that (upon recommendation of the PO) the I-SPOT website has been completely renewed, to make the partnership more visible and add relevant content.

Table 3 I-SPOT long term communication actions to the general public

	Action	Involved I-SPOT member
1	I-SPOT website: http://i-spot-project.eu/	All
2	I-SPOT LinkedIn Group: https://www.linkedin.com/showcase/81710437	All
3	Science Podcast: Monthly science podcast for Belgium and the Netherlands, regularly featuring acoustic topics https://maandoverzicht.nerdland.be/ -- 70,000 listeners	Prof. Verhelst
4	BOSCH PhD Conference 2022	A. Guntoro