

“Evaluation of Bluetooth 5.1 for setting up wireless loudspeaker arrays that could be automatically located and cross-calibrated”.

End of project report

- For what purpose exactly did you use your funds?

The funds were used to support an MSc (now PhD) student (approximately one-third of the funding), and the remaining two-thirds were used to buy the electronic components required to build the prototypes.

- Was the main goal of your project achieved?

Not yet.

- If not, why not and what were the challenges and issues you faced?

The student moved from an MSc to a PhD position, which caused some delay (he had to focus on this transition). The two CIRMMT members (OR and FG) were also more occupied than initially planned. We are finalizing prototypes and will typically present them for the next CIRMMT @ UdeS day.

- Did you achieve additional specific outcomes that you did not initially foresee?

An industrial partner might seem interested in the idea and follow up on the project. Also, Sporobole, the contemporary art center at Sherbrooke, is still interested in the project, but as for us, it has been busy in the last few months. We want to propose the project for the next Biennale du Son (Le Mans 2026). Finally, Andrea Gozzi, who recently joined UdeS as an assistant professor, will be involved in the next steps.

- Did you achieve any beneficial outcomes for CIRMMT and its community (e.g. media hits, publications, grant applications, etc.)?

Not yet, but again, we expect future outcomes based on the previous point.