

TIF Travel Grant Report

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I am sincerely grateful to be one of the recipients of the TIF Travel Grant. This support was the key factor that made my participation in the Congress possible.

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- Taylor & Francis

This experience has given me a great deal of motivation and ideas for my future scientific work. As a first-year PhD student, this was my very first international scientific conference, and I truly could not have imagined a better event to attend at this stage of my doctoral journey.

During the Congress, I had the opportunity to deliver a presentation titled "Single-image to model registration for semantic enrichment of indoor BIM" (co-authored with Małgorzata Jarzabek-Rychard). My research focuses on the automated registration of single RGB images to 3D indoor building models. Specifically, we investigated the extent to which semantic information (such as walls,



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ceilings, and floors) contributes to the accuracy of aligning monocular image data with 3D models. This step is essential for using single images to update building digital twins in GPS-denied environments.

Presenting these results to an international audience was a challenging but rewarding experience. I hope that with more time and experience, my professional skills will approach the level of the scientists whose work I had the privilege of listening to during the Congress. Attending a wide variety of technical and poster sessions (focusing on digital twins, scene reconstruction, AI, and many more) inspired me with new ideas for future developments and provided a clear benchmark for where my work stands compared to current global research.

Furthermore, the Congress was also a space for building professional relationships that will directly impact my career. A key highlight was meeting in person with the team from Fondazione Bruno Kessler (FBK Trento). Although we had previously arranged a research internship, talking in Toronto



Research presentation

allowed us to refine the technical details of my upcoming stay in Italy and discuss our future collaboration.

I truly appreciated all the engaging conversations with everyone from fellow PhD students to distinguished professors and industry professionals. It was a wonderful opportunity to establish new friendships with people from all over the world and to reconnect with familiar faces, which truly made me feel welcome in the ISPRS community.



Group photo of researchers from Wrocław University of Environmental and Life Sciences