Activity report: Participation in the ERPW 2026 conference

I would like to express my gratitude to the PIANOFORTE partnership for the travel support, which enabled me to share my research as one of the presenters at the European Radiation Protection Week 2026 (ERPW 2026) conference.

The annual ERPW conference is a place where the radiation protection community comes together to discuss developments and challenges encompassing research, regulation and implementation of radiological protection. These subjects align with my work in PIANOFORTE's GIROSCOPE and CITHARA projects, where I am involved in radiological consequence analysis of atmospheric releases of radionuclides and establishing Emergency Planning Zones.

During the conference I delivered a presentation about my research into atmospheric dispersal in urban environments. After the talk I was approached by multiple experts from the field to further discuss the subject. This allowed for sharing our findings in this topic that is very relevant due to ambitions of many countries to locate Small Modular Reactors in urbanized areas.

The conference is attended by participants of many PIANOFORTE projects which also creates an excellent opportunity to discuss collaboration opportunities. Such a discussion was held between GIROSCOPE and CATAPULT participants which I took part in. Each of the two projects deals with atmospheric dispersal of radionuclides but focuses on different types of conseqences of such releases. The meeting was concluded with an agreement that a specific atmospheric dispersal experiment would be shared as a common benchmark for model validation. This will enhance findings concerning modelling, since more partners will independently perform and verify calculations of the same experiment.

Overall, being able to attend the conference thanks to PIANOFORTE's travel grant was very helpful in the development of my career and will surely leave a positive impact on my further research.

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