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3rd European NORM Association Workshop 2024 and Intercomparison measurements

From 15 to 17 May 2024, I was honoured to attend the 3rd European NORM Association Workshop, an event organized by The European NORM Association (ENA). ENA, the association that brings together the main European radioprotection expertise in the field of NORM (Naturally Occurring Radioactive Materials), collaborated with ISS-National Centre for Radiation Protection and Computational Physics, and the Italian Radiation Protection Association (AIRP) to host this workshop in Rome.

During this conference, I had the opportunity to present a poster, "Assessment of exposure to radon in the underground tourist route of the Historic Silver Mine, based on two years of research". The co-authors of the poster were Krystian Skubacz from Central Mining Institute, Silesian Centre for Environmental Radioactivity, Poland, and Adam Piech and Dariusz Szotysek from Historic Silver Mine in Tarnowskie Góry (Poland).

A poster session was organized on 16th May. My poster was included in the workshop Session IV related to occupational radon exposure. It was vital for me because I am intensely interested in the topic of radiological protection in the context of the mining industry. Moreover, participation in the conference allowed me to broaden my knowledge related to radiological protection in non-nuclear industries. I am convinced it will enrich my PhD thesis: Simultaneous assessment of radon and thoron exposure at underground workplaces using the thermoluminescence method.

Participation in the conference provided me with the opportunity to explore practical issues related to NORM and establish new contacts with researchers and professionals associated with ENA, including radiological protection experts, industry professionals, and regulatory authorities. This experience has significantly enhanced my professional competence in radiation protection applied in NORM involving industries.

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On the other hand, as being directly involved in PIANOFORTE WP 3, 4 and 5 I took advantage from this opportunity and I was promoting PIANOFORTE initiatives in stakeholders' involvement, project results dissemination as well as E&T actions among members of an unique group of practitioners and researchers focused on NORM who are not widely involved yet in PIANOFORTE activities.

From 13 to 16 May 2024, I attended Intercomparison of thoron and radon measurements organized by ISS and the AIRP as associated event to ENA workshop. The measurements were carried on in Domus Aurea, which is now a museum in Rome, where the unique atmosphere rich with radon and thoron is present. This exercise allowed me to test the measurement technique being under development in the frame of my PhD. Since there is no thoron problem in Poland, the test site in Rome gave me the opportunity to perform measurements in a place where the thoron problem dominates. The obtained results will enable verification of the method in situ.

Therefore, I would like to thank the PIANOFORTE travel grant again for allowing me to participate in this Event.

Your sincerely,







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