PIANOFORTE Travel Grant Activity Report

Summary of the Work Performed

Participation in the European Congress of Medical Physics (ECMP) 2026 was crucial as it provided an excellent opportunity to present my research, engage with the European medical physics community, and broaden my knowledge of current developments within the profession.

During the congress, I presented two scientific posters entitled ‘‘A Quantitative Comparative Study of Quality Control Software Tools for the Objective Assessment of Image Quality Related Performance Metrics of Digital Radiography Detectors“ and “Age-Related Variation in Visual Evoked Potentials: Establishing Normative Electrophysiological Data at a Major National Hospital“. The latter work was additionally selected for a mini-oral presentation, providing the opportunity to communicate the principal methodology and findings of the study to an international audience and discuss the work with other congress participants.

In addition to presenting my own research, I attended a range of scientific and professional sessions throughout the congress. These covered different areas of medical physics and provided valuable exposure to current research, technological advancements, and evolving professional practices across Europe. I also participated in sessions specifically aimed at early career medical physicists, which provided opportunities to discuss professional development, training pathways, emerging areas of practice, and the experiences of early-career professionals from different European countries.

Impact on Knowledge, Skills, and Professional Development

Participation in ECMP 2026 contributed signficantly to my academic and professional development. Presenting two research projects strengthened my ability to communicate scientific work clearly and concisely to specialist audience. In particular, delivering mini-oral presentation further developed my scientific presentation and communication skills and provided valuable experience in presenting and discussing research within an international congress environment.

My attendance at the scientific sessions broadened my understanding of current developments in medical physics beyond the areas directly addressed by my own research. Exposure to the work of researchers and medical physics professionals from different institutions and countries also provided a wider perspective on how medical physics research and clinical practice are developing across Europe.

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The early career sessions were particularly valuable from a professional-development perspective. They facilitated interaction and networking with other early-career medical physicists and representatives of the wider European medical physics community. These discussions provided insight into different training structures, career pathways, professional challenges, and opportunities for future collaboration and involvement within the profession.

Conclusion

Participation in ECMP 2026 was a valuable opportunity to disseminate findings of my research while further developing my scientific communication, professional networking, and presentation skills. The combination of poster presentations, a mini-oral presentation, attendance at scientific sessions, and participation in early career activities provided a well-rounded experience that contributed to both my current academic development and my future career in medical physics.

The support provided throughout the PIANOFORTE Travel Grant enabled my participation in this international scientific meeting and facilitated the presentation and dissemination of my research to the wider European medical physics community. The knowledge, experience, and professional connections gained throughout the congress will be valuable in supporting my continued development and future involvement in medical physics research and practice.

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