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Project Case Study: A Closer Look at the Eastern Corridor Medical Engineering Centre Project (ECME) - Project Update

THEME:

Research and Innovation

FUNDING (ERDF+MATCH):

€8,151,717.53

MATCH FUNDERS:

Department of Business, Enterprise and Innovation, Ireland and the Department for the Economy, Northern Ireland

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LEAD PARTNER:

Ulster University

PROJECT PARTNERS

Southern Health & Social Care Trust; Dundalk Institute of Technology; Dublin City University, University College Dublin; University of the Highlands and Islands.

Start Date: 01/03/2017

End Date: 30/06/2022

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https://www.ecme-research.com/

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ECME 2020 Scientific Conference

ECME held its first ever scientific conference in December 2020 with an online event that brought together the centre's PhD students and PDRAs for a one-day review of its research highlights and collaborative efforts.

The ECME programme is a cross-border centre of research competence and excellence within the field of cardiology devices. Project researchers are currently utilising advancements in technology to revolutionise healthcare delivery, reduce the time spent in hospitals, and support older people in their own home and community safely, independently and comfortably.

The ECME 2020 Conference was hosted as an online event due to the current travel restrictions in place. The virtual nature of the event did nothing to dampen the enthusiasm of the more than 30 presenters who gave an overview of their current research along with possible areas for collaboration and further directions for their work. The topics ranged from the use of digital apps and smartphones for patients attending cardiac clinics to adaptive technologies to support rehabilitation and self-management.

Big data and the increasing use of AI in healthcare applications featured strongly during the conference including how data analytics are being used to model various aspects of the COVID-19 pandemic, and in particular mobility trends.

The prize for the best presentation was awarded to a University of the Highlands and Islands student, who's stop-motion presentation entitled 'An Ethnography of Home in Pandemic' showed that science and research can be much more than data, charts and references.