



Graeme Penny

Chief Scientific Officer and Co-Founder of Cydar Medical

PhD in Imaging Sciences, Kings College London

Graeme leads the scientific team in developing AI computer vision algorithms to transform conceptual ideas into reality. While working as a Senior Lecturer at King's College London he worked with Tom Carrell on methods to improve visualisation during endovascular surgery. This research led to the founding of Cydar Medical.

Graeme has over 25 years' experience as a research scientist investigating the use of image registration for the use in image-guided interventions, specifically 2D-3D registration techniques and ultrasound to MR or CT registrations. Working at many prestigious centres like The Centre of Medical Image Computing at University College London and The Image Science Institute at University Medical Centre Utrecht, Dr Penney has developed novel image processing and image registration techniques for combining images from different modalities for applications in liver, brain and bone. To date, he has over 150 publications in the field of 2D-3D image registration and is co-inventor on several patents in this field.