Topic: AI for Biological Imaging and Sensing
Speaker: Prof. Iain Styles
Time: Friday 14th July 11:00 GMT
Registration and further details:
https://ukri.zoom.us/webinar/register/WN_9odfE46BQI63U0wTm24Gzg

Iain Styles is Professor of Computer Science at Queen's University Belfast. He was previously at the University of Birmingham, where he was the Founding Director of the Institute for Interdisciplinary Data Science and AI, Turing University Lead, and PI and Director of the EPSRC-funded Baskerville Tier 2 High Performance Computing Facility. His principle research interest is imaging and image analysis with a particular focus on applications in biology and medicine, and he works across a wide range of imaging modalities to develop new techniques for understanding, extracting, and summarising the content of content-rich high dimensional image data.

In this talk, we will survey state-of-the-art approaches to the analysis of imaging and sensing data from the biological and medical sciences. Our focus will be on understanding what problems have robust solutions, which problems are still very much open, and what types of approach are showing promise on the most difficult problems. Links will be drawn to imaging and sensing in the environmental sciences, with areas of potential for greater collaboration identified.

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