**Complex Image Processing Workshop**

**Thursday 17th and Friday 18th February 2022**

**Engineering and Innovation Centre, Room EIC315**

**Thursday 17th February 2022**

9.45-10.00am Welcome

10.00-10.30am How many cues does it take to find every cancer?

Damien Litchfield, Edge Hill University

10.30-11.00am The role of AI in acute stroke imaging

Tim Donovan, University of Cumbria

11.00-11.30am Coffee

11.30-12.00am Medical image interpretation: capturing interaction beyond the static image

Peter Phillips, University of Cumbria

12.00-1.00pm Discussion

1.00 -2.00pm Lunch Break

2.00-2.40pm Medical Images Analysis: Endoscopy Automation with Machine Learning Case Study

Bogdan Matuszewski, University of Central Lancashire

2.40- 3.10pm This Object Does Not Exist: Deep Learning Methods for Image Generation

Edward Sanderson, University of Central Lancashire

3.10-3.30pm Coffee

3.30-4.00pm Searching for threats in X-ray images of bags

Nick Donnelly

4.00-4.30pm Search in complex real scenes and rummage search and some concluding remarks

Simon P. Liversedge, University of Central Lancashire

**Friday 18th February 2022**

9.45-10.00am Welcome

10.00-10.30am Improving decision making in colorectal disease

James Turvill, York and Scarborough Teaching Hospitals NHS Foundation Trust

10.30-11.30am Coffee and Discussion