Imaging approaches for the investigation of lung structure and function

Radiological examination of the lungs has a long history, and imaging applications for the investigation of the lungs in health and disease continue to develop.

This presentation will discuss emerging opportunities to advance our understanding of the lungs using techniques including magnetic resonance imaging and contrasts involving inhalation of hyperpolarised gases.

Professor Bruce Thompson’s primary research interest is the structure and function of the small airways through physiological measurement, imaging, and mathematical modelling.

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