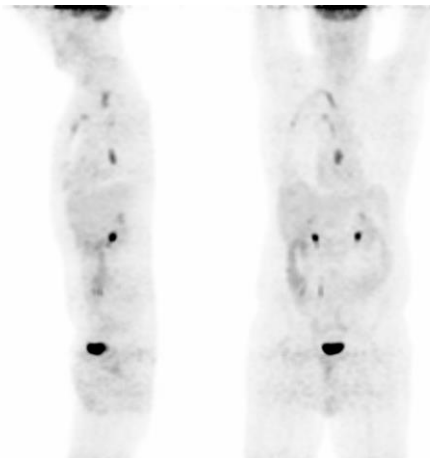


Paul Marsden

Prof PET Physics, BME/PET Centre

PET technology, methodology and applications

- Hardware development
- Data acquisition/processing/analysis
- Clinical & research applications
- Clinical trials network
- PET-MR



Examples of recent /ongoing projects

Data acquisition/processing/analysis

- Data driven gating

Oncology

- Cu-ATSM PET v Pimo histology
- FLT quantification throughout RT

Trial networks/standardisation

- NCRI/ECMC funded Core lab
- DPUK

PET-MR

- Sublima F7 project
- Further development of motion correction methodology
- Critical evaluation of motion correction methodology
- Applications of dSiPM preclinical MR-compatible PET

