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