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PET technology across different scales: designs driven by applications

Wednesday, 3 September 2014 09:20 (35 minutes)

Positron emission tomography is a powerful technology with biomedical applications that span humans, animals and plants. This presentation will focus on the use of PET across a wide range of different scales, and the design of PET technology and systems appropriate for these scales. In particular recent progress in developing very small field-of-view PET scanners for preclinical research into rheumatoid arthritis, as well as large PET scanners capable of imaging the entire human body, will be highlighted as examples at either end of this scale.

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