KING'S
College
LONDON

Distinguish yourself

Positron Emission Tomography (PET) Methodology

Monday 1 to Wednesday 3 October 2018
3rd Floor, Lambeth Wing, St Thomas' Hospital, London

Molecular imaging is an established and relevant tool for diagnostic imaging, clinical research and drug development. At present, there is an unprecedented investment in PET technology globally from academia and industry.

This course is designed to deliver extensive practical and hands-on training on experimental design and PET data analysis. You will learn how to design, quantify and analyze a PET tracer study. The course is appropriate for graduates of medicine, biological sciences, engineering, physics and mathematics.

WHAT DOES THE COURSE COVER?

This three-day course includes a series of lectures and accompanying practical computer-based analysis sessions. These are complemented by breakout sessions and small group discussions, offering a platform for networking.

- Introduction to PET (lecture only)
- Experimental Design of PET Studies
- Practical Image Processing
- Quantification of PET Studies (Kinetic Modelling)
- Basic Statistics & Analysis of Regional Data
- Analysis of Parametric PET Images
- Methodological Issues in Clinical PET Studies

WHO WILL TEACH ON THE COURSE?

Federico Turkheimer Professor of Neuroimaging, Centre for Neuroimaging, Institute of Psychiatry (Course Director)

Dr Mattia Veronese Research Associate, Centre for Neuroimaging, Institute of Psychiatry

Dr Joel Dunn Medical Physicist, Division of Imaging Sciences & Biomedical Engineering, School of Medicine

FIND OUT MORE

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Further course details, fees and online application
https://tinyurl.com/kingspetmethoct2018

Division of Imaging Sciences & Biomedical Engineering
www.kcl.ac.uk/imaging