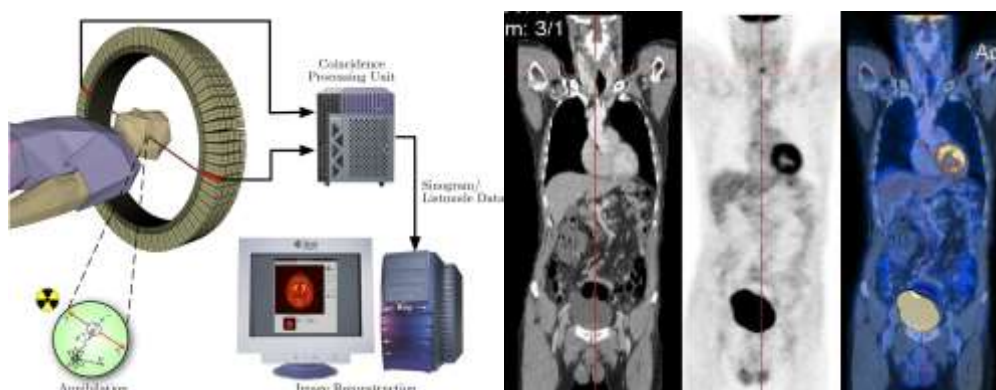


# Café Scientifique Headingley

Monday 11<sup>th</sup> January 2016 at 7:30pm

**Speaker:** Dr Charalampos Tsoumpas  
**Title:** Imaging Positrons Inside the Human Body



**Outline:** Positron emission tomography (PET) is a technology that facilitates the molecular imaging of biological processes that take place inside our body. This information is relevant to the early diagnosis of disease since molecular changes may precede anatomical ones or may even be present without any anatomical change at all. Thus, PET clinical applications are encountered in many fields, including neurology, oncology and cardiology. This presentation will introduce the science behind PET imaging, it will provide some examples of successful applications and it will provide an insight of the current state of the art ideas which may transform the future of medical diagnosis.

**Biog:** Charalampos Tsoumpas is a Lecturer of Medical Imaging at the Division of Biomedical Imaging, University of Leeds since 2013 and visiting Assistant Professor with the Translational Molecular Imaging Institute at Mount Sinai, New York. He received his Ph.D. from Imperial College London in 2008 and then worked as a post-doctoral fellow at King's College London. He is a Senior Member of IEEE, Fellow of Higher Education Academy, STEMnet Ambassador and Secretary of the Scientists for Global Responsibility.

**Venue:** The New Headingley Club 56 St Michael's Rd., Leeds LS6 3BG

**Time:** Club opens at 7:00pm for drinks & the room at 7:30; **talk begins promptly at 7:45pm**

**Entry:** Donation please for room hire and expenses: **£2 at the door**



*Café Scientifique Headingley is a programme run under the auspices of the Headingley Development Trust* [www.headingleydevelopmenttrust.org.uk](http://www.headingleydevelopmenttrust.org.uk)