

# Symposium on Low Dose Radiation Biology and Radiation Risks

**IAPM and the IRRS will jointly host a symposium at the Radisson Blu Hotel, Golden Lane, Dublin 8, from 1pm – 5pm on Friday 27<sup>th</sup> February 2015**

The event is free of charge to members of each organisation. There will be six speakers presenting on a range of topics under the symposium theme, followed by a short group discussion (see next page).

If you wish to attend please register via the following link:

<http://www.theiapm.ie/activities/asm2015.html> .

It is possible to register for the Symposium, the IAPM ASM, or both events from this link. The symposium is the first option on the registration form. Please register early as attendance may be limited.

If you have any queries please contact either Colin Walsh ([clwalsh@stjames.ie](mailto:clwalsh@stjames.ie)) or Dr Aidan Meade ([aidan.meade@dit.ie](mailto:aidan.meade@dit.ie)).

## Programme

### Session 1

**Chair: Dr Aidan Meade**

13:00: Introduction (CW/AM)

13:10-13:50: Prof. Michael O'Connor: Radiation risks of medical imaging: separating fact from fantasy

13:50-14:30: Prof. Kevin Prise, QUB: New models for low dose radiobiology.

14:30 -14:45: Colin Walsh: Explaining Stochastic Risk

### **14:45-15:00 Coffee**

15:00-15:15: Patricia Egan: Risk assessment for radium-223

15:15-15:40: Dr. Gerry Hanna, QUB: Imaged Guided Radiotherapy in Lung and Breast Cancer – does accuracy justify the dose?

15:40-16:05: Prof. Brendan McClean, SLH: Out of field dose modelling and measurement for radiotherapy beams.

### Session 2: Discussion

Chair: (TBC)

16:05-16:30: Audience participation

16:30 – 16:40 Closing Remarks (CW/AM)