



# CERN Colloquium

SPEAKER: Prof. Wade Allison (University of Oxford)

TITLE: **Radiation and Reason Why radiation at modest dose rates is quite harmless and current radiation safety regulations are flawed**

DATE: Thu 03/10/2013 16:30

PLACE: Council Chamber

## ABSTRACT

Data on the impact of ionising radiation on life are examined in the light of evolutionary biology. This comparison confirms that fear of nuclear radiation is not justified by science itself; rather it originates in a failure of public trust in nuclear science, a relic of the international politics of the Cold War era.

Current ionisation safety regulations appease this fear but without scientific support and they need fundamental reformulation. This should change the reaction to accidents like Fukushima, the cost of nuclear energy and the application of nuclear technology to the supply of food and fresh water. Such a boost to the world economy would require that more citizens study and appreciate the science involved – and then tell others -- not as much fun as the Higgs, perhaps, but no less important!  
[www.radiationandreason.com](http://www.radiationandreason.com)

Organised by: Ignatios Antoniadis/PH-TH .....\*\*Tea  
and coffee will be served at 16h00\*\*