



Australian Government



Nuclear-based science benefiting all Australians

Australian Nuclear Science and Technology Organisation

Media release

20 July 2010

Antimatter: from the Big Bang to radiation therapy.

The general public is invited to attend a scientific lecture about antimatter at the Australian Nuclear Science and Technology Organisation (ANSTO) on Wednesday, 28 July.

Antimatter is probably best known in science fiction as the source of endless power for spaceships, including the star ship *Enterprise* on the *Star Trek* television series and movies. However, it is a real scientific phenomenon that is mentioned in the theories of Einstein. Now it is used every day in medicine for brain scans and has other potential applications for the treatment of cancer and other diseases.

The speaker is one of the world's foremost experts on this subject, Dr Michael Doser, a Senior Physicist from CERN in Switzerland. CERN is best known as the home of the Large Hadron Collider, the centrepiece of the world's largest physics experiment, and as the organisation that developed the World Wide Web.

The lecture will be held at ANSTO's AINSE theatre (opposite the café) at Lucas Heights on Wednesday, 28 July at 11am.

For media information please call ANSTO Media Officer, Gavin Atkins (02) 9717 9208 or 0448 164 844.