E&T event title: Summer school in radiation biology

E&T event date: August 16 - 25, 2017

E&T event venue: SCK•CEN, Boeretang 200, 2400 Mol, BELGIUM

E&T provider: SCK•CEN Academy for Nuclear Science and Technology

Objective:

The summer school in radiobiology is intended to train those who wish to enter active research in radiobiology or who wish to acquire detailed knowledge of the effects of ionizing radiations on living matter. It will also deal with the clinical aspects of radiotherapy or radiodiagnostics and with the application of radioisotopes to biological and medical problems.

The main research lines that are currently studied in radiobiology at SCK•CEN are:

- The individual susceptibility to ionizing radiation and the related cancer risks.
- The impact of ionizing radiation on female gametes, on the development of the embryo and the brain.
- The impact of space conditions (in particular of cosmic radiation and weightlessness) on health.
- The biological effects of the medical use of ionizing radiation and radioactive substances in radiotherapy and medical imaging.