

IRISIB - NUCLEAR UNIT

Irisib was founded in 2000, but research activities began in 1970 under the name of ISRAIN. The activities of the nuclear unit are related to radiation protection, improvement of measurement techniques and use of Monte Carlo codes for the modelling of particle transport.

Research axes & Expertise

Dosimetry in brachytherapy: use of radiochromic films and Monte Carlo modelling.
Improvement of techniques for the measurement of the energy spectrum of X rays devices.

Application fields

Radiology and Radiotherapy

Major projects/partnerships/collaborations

- MICOS: FIRST type project; measurement of energy spectrum for medical X-ray devices.
- Reflex: FIRST type project; measurement of iodine content in the thyroid.

Key figures

- Date of establishment: 2000
- Number of researchers: 3 full time and 4 at part time

Contact

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