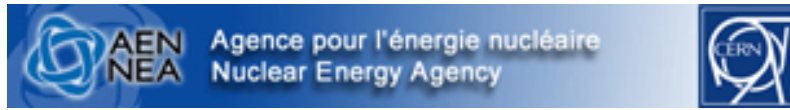


SATIF 10



Wednesday 02 June 2010 - Friday 04 June 2010

CERN

Scientific Programme

The main objectives of the SATIF Meetings are to promote the exchange of information among experts in the field of accelerator shielding and related topics, identify areas where international co-operation can be fruitful and carry on a program of work in order to achieve progress in specific priority areas.

Source term and related topics

Hadron production, electron-photon production, photo-neutron production, radioactive ion production, spallation neutron sources

Induced radioactivity

Activation data, predictions of radioactive nuclides, predictions of residual dose rates

Benchmarking - code/code and code/experimental data

Thick-target yield experiments, shielding and deep penetration, neutron spectra - experiments and calculation, energy deposition, high-energy reference fields

Dosimetry

Measurement techniques, calculation of dosimetric quantities, anthropomorphic computational models, dose conversion coefficients

Medical and industrial accelerators

Shielding, secondary dose to patients, dose delivery

Present status of data and code libraries