

11th. Course of the International School of Radiation Damage and Protection: OPERATIONAL RADIATION PROTECTION FOR ACCELERATORS IN RESEARCH AND MEDICINE

Thursday 14 May 2009 - Wednesday 20 May 2009

ERICE- SICILY, ITALY

Scientific Programme

This Course is based on a series of talks given by acknowledge experts in the field of Operational Radiation Protection.
It is structured so to provide ample opportunity for in-depth discussions on current problems.

Please note that in the timetable the "Convener" is the Lecturer and that the corresponding paper may contain more co-authors.

Proceedings will be published and distributed to all participants after the course.

OPERATIONAL RADIATION PROTECTION

An overview of the operational radiation protection principles and practices in several type of high-energy accelerators

PRACTICAL IMPLEMENTATION OF ALARA

An overview of the implementation of optimization, limitation and justification in the practice of a radiation protection physicist and engineer.

TOOLS FOR OPERATIONAL RADIATION PROTECTION

Instrumentation for monitoring, personnel and high-dose dosimetry and calculation codes as tools for the radiation protection physicist and engineer

OPERATIONAL RADIATION PROTECTION AROUND ACCELERATORS IN MEDICINE

Specific issues of radiation protection around accelerators used for medical therapy

ENVIRONMENTAL AND WASTE MANAGEMENT

Overview of the aspects of radiation protection connected to management of the environment and waste