



The Laboratory Safety Institute

Radiation Safety

Review of Physical Principles

Atomic and Nuclear Structure

Radioactivity and Radiation

Interaction of Radiation with Matter

BREAK – COFFEE

Biological Effects of Radiation

Radiation Quantities and Units

LUNCH BREAK

Radiation Detection and Measurement

Principle of Radiation Protection

External Exposure Control

Internal Exposure Control

BREAK - COLD DRINKS

Radiation Safety Regulations

Radioactive Waste

Radiation Accidents and Incidents

Overview and Questions

Wrap-Up