Joint ICTP-IAEA Workshop on Modelling for Encapsulated Intermediate Level Waste (ILW) and High Level Waste (HLW) During Long-Term Storage | (smr 3920)

Contribution ID : 54

Type : not specified

Demonstration of the modelling of chemical processing that feeds the production of radioactive waste, using the codes ORIGEN and FISPACT-II. <br \>Case studies: <br \>(1) Solid residue from irradiated target-plates for (n,f) (_^99)Mo production; <br \>(2) LILW-SL liquid radioactive waste produced in the production of (n,f) (_^99)Mo.

Wednesday, 28 February 2024 13:50 (1:10)

Content

Interactive session: Tutorial based modelling exercises in computer facility LBLab (LB)

Summary

Presenter(s):JOHANN VAN ROOYEN (North West University, South Africa)

Session Classification : Radiation modelling using ORIGEN AND ORIGAMI codes