Joint Research Centre (JRC)

Intercomparison of efficiency transfer codes

Tim Vidmar*

IRMM - Institute for Reference Materials and Measurements

Geel - Belgium

http://irmm.jrc.ec.europa.eu/
http://www.jrc.ec.europa.eu/

*On leave from Jozef Stefan Institute, Ljubljana Slovenia
• IAEA CRP on gamma-spec measurements of environmental samples
• Efficiency and TCS correction calculations
• Equivalence of different ET codes
• No experimental data
• GEANT 3.21, (GEANT4), PENELOPE, EGS4, MCNPX
• GESPECOR, DETEFF, ETNA, EFFTRAN
• Precisely defined detector model, sample geometry, materials
• First results end of March