

## 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**