

# **Options for inter-calibrations**

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# ICP-MS



Prepare samples, which are circulated between all relevant institutions.

Comparison of the measured values to be sure that there are no systematic shifts between various detectors.

# HPGe spectrometers



1. Extended calibration sources
  - Box (200 cm<sup>3</sup>)
  - Marinelli (1 L)

Mixtures of isotopes,  $\rho \sim 1$

2. IAEA inter-comparisons  
(every year)

# Rn emanation



$^{226}\text{Ra}$  as a  $^{222}\text{Rn}$  source



# Surface / bulk $^{210}\text{Po}$



Circulate sample with measurable surface/bulk activity

LSC electroformed copper measured in Krakow, now at SNO lab (Silvia Scorza)

