

## Recent SADC MET events in Ionizing Radiation

SADC MET Southern Africa development community cooperation in measurement traceability

14 full members, 4 associate members

### Ionizing Radiation

- There is a single institute (CSIR–NML)
- Dr Jaco Mostert (CSIR-NML, Pretoria) is the RMO chairperson for IR
- The CSIR-NML is an associate member of APMP
  - (a) Dr Jaco Mostert is the contact person for the APMP/TCRI **Dosimetry** WG
  - (b) Ms Freda Morris (CSIR-NML, Cape Town) is the contact person for the APMP/TCRI **Radioactivity** WG
- CMC submissions:
  - Dosimetry** – The CSIR–NML has **1** CMC submission in Appendix C.
  - Radioactivity** – The CSIR–NML has **36** CMC submissions in Appendix C. These were the **first** radioactivity CMCs placed into the database, after being approved by COOMET, SIM and EUROMET reviewers.
- Key comparisons:
  - Dosimetry** – The CSIR–NML participated in the regional comparison of absorbed dose to water for  $^{60}\text{Co}$ , organised by the APMP in 2000–2001.
  - Radioactivity** – Since 2000, the CSIR–NML has participated in the following international comparisons:
    - Type K1  $^{60}\text{Co}$
    - Type K2  $^{89}\text{Sr}$ ,  $^{204}\text{Tl}$ ,  $^{65}\text{Zn}$ ,  $^{192}\text{Ir}$
- The future

The CSIR–NML Radioactivity team intends investigating the possibility of offering support to the neutron metrology program in South Africa, through one of the user groups (University of Cape Town) that has contacts with the Cyclotron facility near Cape Town.