

Recent publications from radioactivity group of NMIJ/AIST

- T. Yamada, Y. Nakamura, Y. Sato, A. Yunoki, Y. Hino, "Measurement of Strontium-89 Solution Sources for Bone Pain Palliation Using Re-Entrant Ionization Chambers", *RADIOISOTOPES*, 56, 93-101 (2007).
- Y. Sato, A. Yunoki, Y. Hino, T. Yamada, "Response calculation for standard ionization chambers in APMP using EGS4 Monte Carlo code", *Applied Radiation and Isotopes*, 64, 1211-1214 (2006).
- T. Yamada, Y. Nakamura, Y. Kawada, Y. Sato, Y. Hino, "Standardization of ^{152}Eu and ^{154}Eu by $4\pi\beta$ - $4\pi\gamma$ coincidence method and $4\pi(\beta+\gamma)$ integral counting", *Applied Radiation and Isotopes*, 64, 1220-1224 (2006).
- Y. Sato, A. Yunoki, Y. Hino et. al, "The remote calibration of radioisotope calibrators", *Proceedings of world congress on medical physics and biomedical engineering*, 14, 1949-1952 (2006).
- Y. Sato, A. Yunoki, Y. Hino, T. Yamada, K. Fujii, "Monte Carlo Calculation for an absolute measurement of $^{99\text{m}}\text{Tc}$ ", *KEK proceedings*, 2006-7, pp185-190 (2006).
- A. Yunoki, "A survey of radiation exposure and activity standards of iodine-125 small sealed source for brachytherapy", *AIST bulletin of metrology*, 4-3, pp201-210 (2006).
- Y. Sato, Y. Hino, "The $4\pi\beta$ - γ coincidence counter using a digital-analogue coupled counting equipment", *KEK proceedings*, 2005-12, pp15-22 (2005).
- Y. Sato, Y. Hino, A. Yunoki, T. Yamada, "Development of a remote calibration system for activity", *Nuclear eyes*, 51-6, pp60-63 (2005).
- Y. Hino, "Development of standard surface sources using an ink-jet printer" *Nuclear eyes*, 51-4, pp66-69 (2005).
- Y. Hino and N. Takata, "Present Status of Traceability system for Ionizing Radiation and Radioactivity in Japan", *Radioisotopes*, 53-2, pp51-57 (2004).
- Y. Sato and Y. Hino, "The new fabrication method of standard surface sources" *Appl. Radiation and Isotopes*, 60, pp543-546 (2004).
- G. Ratel, C. Michotte and Y. HINO, "BIPM comparison BIPM.RI(II).K1.Y88 of activity measurements of the radionuclide Y-88 and links for the 2000 regional comparison APMP.RI(II)-K2.Y88", 2004 *Metrologia* 41 06010