

**List of publications in peer reviewed journals published started from the  
year 2005 related to the work performed in EURADOS working groups,  
March 2019**

**2019**

- Carinou, E., Kollaard, R., Stankovic Petrovic, J., Ginjaume, M., **2019**. A European survey on the regulatory status for the estimation of the effective dose and the equivalent dose to the lens of the eye when radiation protection garments are used, *J Radiol Prot.* 39, 126-135 (**WG12**)
- Ginjaume, M., Carinou, E., Brodecki, M., Clairand, I., Domienik-Andrzejewska, J., Exner, L., Ferrari, P., Jovanović, Z., Krstic, D., Principi, S., Van Hoey, O., Vanhavere, F., **2019**. Effect of the radiation protective apron on the response of active and passive personal dosimeters used in interventional radiology and cardiology, *J. Radiol. Prot.* 39, 97-112 (**WG12**)

**2018**

- Ainsbury, E.A., Samaga, D., Della Monaca, S., Marrale, M., Bassinet, C., Burbidge, C.I., Correcher, V., Discher, M., Eakins, J., Fattibene, P., Güçlü, I., Higuera, M., Lund, E., Maltar-Strmecki, N., McKeever, S.W.S., Rääf, C.L., Sholom, S., Veronese, I., Wieser, A., Woda, C., Trompier, F., **2018**. Uncertainty on radiation doses estimated by biological and retrospective physical methods. *Radiat. Prot. Dosim.* 178, 382–404 (**WG10**)
- Ciraj-Bjelac, O., Carinou E., Vanhavere F., **2018**. Use of active personal dosimeters in hospitals: EURADOS survey, *J Radiol Prot.* 38(2), 702-715 (**WG12**)
- Clairand, I., Behrens, R., Brodecki, M., Carinou, E., Domienik-Andrzejewska, J., Ginjaume, M., Hupe O., Roig, M., EURADOS 2016 intercomparison exercise of eye lens dosimeters. *Radiat. Prot. Dosim.* 182(3), 317-322 (**WG12**).
- De Saint-Hubert, M., Majer, M., Hršak, H., Heinrich, Z., Knežević, Ž., Miljanić, S., Porwoł, P., Stolarczyk, L., Vanhavere, F., Harrison, R., **2018**. Out-of-field doses in children treated for large arteriovenous malformations using hypofractionated gamma knife radiosurgery and intensity modulated radiotherapy. *Radiat. Prot. Dosim.* 181(2), 100-110 (**WG9**)
- Dombrowski, H., **2018**. On the conversion coefficient from air kerma to ambient dose equivalent valid for a Cs-137 photon field – A critical review, *Radiat. Prot. Dosim.*, 182, 562-566 (**WG3**)

- Dombrowski, H., Cornejo Díaz, N. A., Toni, M. P., Mihelic, M., Röttger, A., **2018**. Comparison of the uncertainties of several European low-dose calibration facilities. *Journal of Instrumentation*, 13(04), Po4023-Po4923 (**WG3**)
- Eakins, J. S., Ainsbury, E. A., **2018**. Quantities for assessing high doses to the body: a short review of the current status, *J. Radiol. Prot.* 38, 731–742 (**WG6+WG10**)
- Eakins, J. S., Ainsbury, E. A., **2018**. Quantities for assessing high doses to the body: a calculational approach, *Journal of Radiological Protection* 38, 743–762 (**WG6+WG10**)
- Gómez-Ros, J. M., Bedogni, R., Domingo, C., Eakins, J. S., Roberts, N., Tanner, R. J., **2018**. International comparison exercise on neutron spectra unfolding in bonner spheres spectrometry: problem description and preliminary analysis, *Radiat. Prot. Dosim.* 180 (1-4), 70–74 (**WG6**)
- Hickman, D. P., Collins, L., Didier, F., Harding N. R., Jeffers, L. K., López Ponte M. A., I. Tai. I. L., **2018**. Thyroid phantom measurements in joint EURADOS-LLNL intercomparison exercise. *Radiat. Prot. Dosim.* 178(2), 152-159 (**WG7**)
- Järvinen, H., Farad, J., Siiskonen, T., Ciraj-Bjelac, O., Dabin, J., Carinou, E., Domienik, J., Kluszczynski, D., Knežević, Ž., Kopec, R., Majer, M., Malchair, F., Negri, M., Pankowski, P., Sarmiento, S., Trianni, A., **2018**. Feasibility of setting up generic alert levels for maximum skin dose in fluoroscopically guided procedures. *Physica Medica: European Journal of Medical Physics*, 46, 67-74 (**WG12**)
- Kessler, P., Behnke, B., Dombrowski, H., Neumaier, S., Röttger, A., Dabrowski, R., **2018**. Novel spectrometers for environmental dose rate monitoring, *Journal of Environmental Radioactivity*, 187, 115-121 (**WG3**)
- Knežević, Ž., Ambrozova, I., Domingo, C., De Saint-Hubert, M., Majer, M., Martinez-Rovira, I., Miljanić, S., Mojzeszek, N., Porwol, P., Ploc, O., Romero-Exposito, M., Stolarczyk, L., Trinkl, S., Harrison, R., Olko, P., **2018**. Comparison of response of passive dosimetry systems in scanning proton radiotherapy – a study using paediatric anthropomorphic phantoms. *Radiat. Prot. Dosim.* 180(1-4), 256-260 (**WG9**)
- Kulka, U., Wojcik, A., Di Giorgio, M., Wilkins, R., Suto, Y., Jang, S., Quing-Jie, L., Jiexiang, L., Ainsbury, E., Woda, C., Roy, L., Li, C., Lloyd, D., Carr, Z. **2018**. Biodosimetry and biodosimetry networks for managing radiation emergency. *Radiat. Prot. Dosim.* 182, 128-138 (**WG10**)
- Rühm, W., Bottolier-Depois, J.F., Gilvin, P., Harrison, R., Knežević, Ž., Lopez, M. A., Tanner, R., Vargas, A., Woda, C., **2018**. The work programme of EURADOS on internal and external dosimetry, *Annals of ICRP*, 47(3-4), 20-34 (**EURADOS Council**)

- Siiskonen, T., Ciraj Bjelac, O., Dabin, J. Diklic, A., Domienik Andrzejewska, J., Farah, J., Fernandez, J.M., Gallagher, A., Hourdakis, C.J., Jurkovic, S., Järvinen, H., Järvinen, J., Knežević, Ž., Koukorava, C., Maccia, C., Majer, M., Malchair, F., Riccardi, L., Rizk, C., Sanchez, R., Sandborg, M., Sans Merce, M., Segota, D., Sierpowska, J., Simantirakis, G., Sukupova, L., Thrapsanioti, Z., Vano, E., **2018**. Establishing the European diagnostic reference levels for interventional cardiology, *Physica Medica*, 54, 42-48 **(WG 12)**
- Stolarczyk, L., Ambrozova, I., Davidkova, M., Domingo, C., Farad, J., Klodowska, M., Knežević, Ž., Liszka, M., Majer, M., Miljanić, S., Mojzeszek, N., Ploc, O., Romero-Expósito, M., Schwarz, M., Trinkl, S., Olko, P., Harrison R.M., **2018**. Dose distribution of scattered radiation in water phantom for proton pencil beam - EURADOS WG9 inter-comparison exercise on passive dosimetry systems. *Phys. Med. Biol.* 63, 085017 (13pp) **(WG9)**
- Vargas, A., Cornejo, N., Camp, A., **2018**. Comparisson of methods for  $H^*(10)$  calculations form measured  $\text{LaBr}_3(\text{Ce})$  detector spectra. *Applied Radiation and Isotopes* 137, 241-249 **(WG3)**
- Villagrasa, C., Bordage, M.-C., Bueno, M., Bug, M., Chiriotti, S., Gargioni, E., Heide, B., Nettelbeck, H., Parisi, A., Rabus, H., **2018**. Assessing the contribution of cross-sections to the uncertainty of Monte Carlo calculations in micro- and nanodosimetry. *Radiat. Prot. Dosim.* ncy240, <https://doi.org/10.1093/rpd/ncy240>. **(WG6)**

## Special Issue on "Internal Dosimetry for Radiation Protection and Medicine" - Radiation Measurements Journal Volume 115 (2018)

10th EURADOS Winter School "Internal dosimetry for radiation protection and medicine"  
2nd March 2017- EURADOS Annual Meeting AM2017. TullaHörsaal KIT Campus  
Süd.(Karlsruhe, Germany).

Editorial - María Antonia Lopez

- Estelle Davesne, E., Laurent, O., Lopez, M. A., How to assess internal doses for epidemiological studies and for emergency response? An overview of differences with routine operational radiation protection approach, 20-28 **(WG7)**
- W.B. Li, W. B., Hofmann, W., Friedland, W., Microdosimetry and nanodosimetry for internal emitters, 29-42 **(WG7)**
- Breustedt, B., Giussani, A., Noßke, D., Internal dose assessments – Concepts, models and uncertainties, 49-54 **(WG7)**

- Tran, L. T., Chartier, L., Bolst, D., Davis, J., Rosenfeld, A. B., In-field and out-of-file application in <sup>12</sup>C ion therapy using fully 3D silicon microdosimeters, 55-59 (WG7)
- Bingham, D., Etherington, G., Recommendations and standards for monitoring individuals for occupational intakes of radionuclides, 69-76 (WG7)

## 2017

- Ainsbury, E., Badie, C., Barnard, S., Manning, G., Moquet, J., Abend, M., Bassinet, C., Bortolin, E., Bossin, L., Bricknell, C., Brzoska, K., Čemusová, Z., Christiansson, M., Cosler, G., Della Monaca, S., Desangles, F., Discher, M., Doucha-Senf, S., Eakins, J., Fattibene, P., Gregoire, E., Guogyte, K., Kriehuber, R., Lee, J., Lloyd, D., Lyng, F., Macaeva, E., Majewski, M., McKeever, S.W.S., Meade, A., M'kacher, R., Medipally, D., Oestreicher, U., Oskamp, D., Pateux, J., Port, M., Quattrini, M.C., Quintens, R., Ricoul, M., Roy, L., Sabatier, L., Sholom, S., Strunz, S., Trompier, F., Valente, M., van Hoey, O., Veronese, I., Wojcik, A., Woda, C. **2017**. Integration of new biological and physical retrospective dosimetry methods into EU emergency response plans - joint RENEb and EURADOS inter-laboratory comparisons. *Int. J. Radiat. Biol.* 93, 99-109 (WG10)
- Caccia, B., Le Roy, M., Blideanu, V., Andenna, C., Arun, C., Czarneck, D., El Bardouni, T., Gschwind, R., Huot, H., Martin, E., Zink, K., Zoubair, M., Price, R., de Carlan, L., **2017**. EURADOS intercomparison exercise on Monte Carlo modelling of a medical linear accelerator, *Annali dell'Istituto Superiore di Sanità* 53, 314-321 (WG6)
- Dabrowski, R., Dombrowski, H., Neumaier, S., Röttger, A., Kessler, A. **2017**. Detection of rain events in radiological early warning networks with spectrometric systems, *Journal of Instrumentation*, 12, P10005 <https://doi.org/10.1088/1748-0221/12/10/P10005> (WG3)
- Dombrowski, H., Duch, M.A., Hranitzky, C., Kleinau, P., Neumaier, S., Ranogajec-Komor, M., Rodriguez, R., **2017**. EURADOS intercomparisson of Passive H\*(10) area dosemeteres 2014. *Radiat. Meas.* 106, 229-234 (WG3)
- Dombrowski, H., Bleher, M., De Cort, M., Dabrowski, R., Neumaier, S., Stöhlker, U., **2017**. Recommendations to harmonize European early warning dosimetry network systems, *J. Inst.* 12 P12024, 0-28 (WG3)
- Duch, M.A., Dombrowski, H., Hranitzky, C. Kleinau, P., Neumaier, S., Ranogajec-Komor, M., Rodriguez, R., **2017**. Status of passive environmental dosimetry in Europe. *Radiat. Meas.* 106, 242-245 (WG3).
- Farah, J., De Saint-Hubert, M., Mojzeszek, N., Chiriotti, S., Gryzinski, M., Ploc, O., Trompier, F., Turek, K., Vanhavere, F., Olko, P., **2017**. Performance tests and comparison of

microdosimetric measurements with four tissue-equivalent proportional counters in scanning proton therapy. *Radiat. Meas.* 96, 42-52 **(WG9)**

- Harrison, R., **2017**. Out-of-field doses in radiotherapy: input to epidemiological studies and dose-risk models. *Physica Medica: European Journal of Medical Physics*, 42, 239-246 **(WG9)**
- Kessler, P., Behnke, B., Dombrowski, H. Neumaier S., **2017**. Characterization of detector-systems based on CeBr<sub>3</sub>, LaBr<sub>3</sub>, SrI<sub>2</sub> and CdZnTe for the use as dosimeters. *Radiat. Phys. Chem.* 140, 309-313 **(WG3)**
- Kessler, P., Camp, A., Dombrowski, H., Neumaier, S., Röttger, A. Vargas, A., **2017**. Influence of radon progeny on dose rate measurements studied at PTB's radon reference chamber. *Radiat. Prot. Dosim.* 177(4), 407-414 **(WG3)**
- Majer, M., Stolarczyk, L., De Saint-Hubert, M., Kabat, D., Knežević, Ž., Miljanić, S., Mojżeszek, N., Harrison, R., **2017**. Out-of-field dose measurements for 3D conformal and intensity modulated radiotherapy of a paediatric brain tumour. *Radiat. Prot. Dosim.* 176, 331-340 **(WG9)**.
- Mojżeszek, N., Farah, J., Kłodowska, M., Ploc, O., Stolarczyk, L., Waligórski, M. P. R., Olko, P., **2017**. Measurement of stray neutron doses inside the treatment room from a proton pencil beam scanning system. *Physica Medica: European Journal of Medical Physics*, 34, 80-84 **(WG9)**
- Rühm, W., Schuhmacher, H., **2017**. EURADOS - A success story for European Cooperation in the dosimetry of ionizing radiation. *StrahlenschutzPRAXIS* 3, 36-38 (in English) **(EURADOS Council)**
- Schneider, C., Newhauser, W. D., Jagetic, L., Schneider, U., Kaderka, R., Miljanić, S., Knežević, Ž., Stolarczyk, L., Durante, M., Harrison, R., **2017**. A descriptive and broadly applicable model of therapeutic and stray absorbed dose from 6 MV to 25 MV photon beams. *Med. Phys.* 44, 3805-3814 **(WG9)**
- Stadtmann, H., McWhan, A., Figel, M., Grimbergen, T W M., Romero, A. M., Gärtner, C., **2017**. EURADOS Intercomparisons for individual monitoring services: Results of the 2015 extremity dosimeter intercomparison for photon and beta radiations. *Radiat. Meas.* 106, 285-289 **(WG2)**
- Teles, P., Nikodemová, D., Bakhanova, E., Becker, F., Knežević, Ž., Pereira, M. F., and Sarmiento, S., **2017**, A review of Radiation protection requirements and dose estimation for staff and patients CT fluoroscopy. *Radiat. Prot. Dosim.* 174, 518-534 **(WG12)**

## 2016

- Breustedt, B., Broggio, D., Gomez-Ros, J. M., Leone, D., Marzocchi, O., Poelz, S., Shutt, A., Lopez, M. A., **2016**. The EURADOS-kit training course on Monte Carlo methods for the calibration of body counters. *Radiat. Prot. Dosim.* 170, 446-450 (**WG7**)
- Castellani, C. M., Marsh, J. W., Hurtgen, C., Blanchardon, E., Bérard, P., Giussani, A., Lopez, M. A. **2016**. IDEAS Guidelines (Version 2) for the estimation of Committed Doses from incorporation monitoring data. *Radiat. Prot. Dosim.* 170, 17-20 (**WG7**)
- Chevallier, M.-A., Fantuzzi, E., Cruz-Suarez, R., Luszik-Bhadra, M., Mayer, S., Thomas, D. J., Tanner, R., Vanhavere, F., **2016**. EURADOS IC2012n: Further Information Derived from a EURADOS International Comparison of Neutron Personal Dosimeters. *Radiat. Prot. Dosim.* 170, 78-81 (**WG2**)
- Ciraj-Bjelac, O., Carinou, E., Ferrari, P., Ginjaume, M., Sans Merce, M., O'Connor, U., **2016**. Occupational exposure of the eye lens in interventional procedures: How to assess and manage radiation dose. *J Am Coll Radiol.* 13, 1347–1353 (**WG12**)
- Clairand, I., Ginjaume, M., Vanhavere, F., Carinou, E., Daures, J., Denozière, M., Honorio da S. E., Roig, M., Principi, S., Van Ryckeghem, L., **2016**. First EURADOS intercomparison exercise of eye lens dosimeters for medical applications. *Radiat. Prot. Dosim.* 170, 21-26 (**WG12**)
- Etherington, G., Bérard P., Blanchardon, E., Breustedt, B., Castellani, C.M., Challeton-de Vathaire, C., Giussani, A., Franck, D., Lopez, M.A., Marsh, J.W., Nosske, D., **2016**. Technical Recommendations for monitoring individuals for occupational intakes of radionuclides. *Radiat. Prot. Dosim.* 170(1-4), 8-12 (**WG7**)
- Ferrari, P., Becker, F., Carinou, E., Chumak, V., Farah, J., Jovanović, Z., Krstić, D., Morgun, A., Principi, S., Teles, P., **2016**. Monte Carlo study of the scattered radiation field near the eyes of the operator in interventional procedures. *J Radiol Prot.* 36(4), 902-921. (**WG12**)
- Figel, M., Stadtmann, H., Grimbergen, T. W. M., McWhan, A., Romero, A. M., **2016**. EURADOS Intercomparisons on whole-body dosimeters for photons from 2008 to 2014. *Radiat. Prot. Dosim.* 170, 113-116 (**WG2**)
- Grimbergen, T., Figel, M., McWhan, A., Romero, A. M., Stadtmann, H., **2016**. EURADOS programme of intercomparisons for individual monitoring services: Seven years of development and future plans. *Radiat. Prot. Dosim.* 170, 90-94 (**WG2**)

- Kessler, P., Dombrowski, H., Neumaier S., **2016**. Development and characterization of scintillation based detectors for the use in radiological early warning networks, *J. Inst.* 11 Co2055 doi:10.1088/1748-0221/11/02/Co2055 (**WG3**)
- Mares, V., Romero-Exposito, M., Farah, J., Trinkl, S., Domingo, C., Dommert, M., Stolarczyk, L., Van Ryckeghem, L., Wielunski, M., Olko, P., Harrison, R., **2016**. A comprehensive spectrometry study of stray neutron radiation field in scanning proton therapy. *Physics in Medicine and Biology* 61, 4127–4140 (**WG9**)
- Principi, S., Farah, J., Ferrari, P., Carinou, E., Clairand, I., Ginjaume, M., **2016**. The influence of operator position, height and body orientation on eye lens dose in interventional radiology and cardiology: Monte Carlo simulations versus realistic clinical measurements. *Physica Medica*. 32, 1111-1117 (**WG12**)
- Romero, A. M., Grimbergen, T., McWhan, A., Stadtmann, H., Fantuzzi, E., Clairand, I., Neumaier, S., Figel, M., Dombrowski, H., **2016**. EURADOS Intercomparisons in external radiation dosimetry: Similarities and differences among exercises for whole-body photon, whole-body neutron, extremity, eye-lens and passive area dosimeters. *Radiat. Prot. Dosim.* 170, 82-85 (**WG2**).
- Rühm, W., Fantuzzi, E., Harrison, R., Schuhmacher, H., Vanhavere, F., Alves, J., Bottollier Depois, J.F., Fattibene, P., Knezevic, Z., Lopez, M.A., Mayer, S., Miljanic, S., Neumaier, S., Olko, P., Stadtmann, H., Tanner, R. Woda, C., **2016**. EURADOS Strategic Research Agenda: Vision for Dosimetry of Ionising Radiation. *Radiat. Prot. Dosim.* 168, 223-234 (**EURADOS council**).
- Stadtmann, H., Grimbergen, T. W. M., Figel, M., Romero, A. M., McWhan, A. F., Gärtner, C., **2016**. The Results of the EURADOS Intercomparison IC2014 for Whole-Body Dosimeters in Photon Fields. *Radiat. Prot. Dosim.* 170, 90-94 (**WG2**).

## **2015**

- Alves, J., Bottollier-Depois, J.F., Fantuzzi, E., Fattibene, P., Lopez, M.A., Mayer, S., Miljanić, S., Olko, P., Rühm, W., Schuhmacher, H., Stadtmann, H., Vanhavere F., **2015**. Letter to the Editor. *Radiat. Prot. Dosim.* 163, 268-268 (**Eurados Council**)
- Carinou, E., Ferrari, P., Ciraj Bjelac, O., Ginjaume, M., Sans Merce, M., O'Connor, U., **2015**. Eye lens monitoring for interventional radiology personnel: dosimeters, calibration and practical aspects of Hp(3) monitoring. A 2015 review. *J. Radiol. Prot.* 35, R17–R34 (**WG12**)
- Dabin, J., Negri, A., Farah, J., Ciraj-Bjelac, O., Clairand I., De Angelis, C., Domienik, J.,

- Jarvinen, H., Kopec, R., Majer, M., Malchair, F., Novák, L., Siiskonen, T., Vanhavere, F., Trianni, A., Knežević, Ž., **2015**. Characterisation of grids of point detectors in maximum skin dose measurement in fluoroscopically-guided interventional procedures. *Phys. Med.* 31, 1112-1117 (**WG12**)
- Eakins, J., Kouroukla, E., **2015**. Luminescence-based retrospective dosimetry using Al<sub>2</sub>O<sub>3</sub> from mobile phones: a simulation approach to determine the effects of position. *J. Radiol. Prot.* 35, 343 (**WG6+WG10**)
  - Farah, J., Trianni, A., Clairand, I., Ciraj-Bjelac, O., De Angelis, C., Delle Canne, S., Hadid, L., Huet, C., Jarvinen, H., Negri, A., Novak, L., Pinto, M., Siiskonen, T., Waryn, M.J., and Knežević, Ž., **2015**. Characterization of XR-RV3 GafChromic® films in standard laboratory and in clinical conditions; Means to evaluate uncertainties and reduce errors. *Med. Phys.* 42, 4211-4226 (**WG12**)
  - Farah, J., Trianni, A., Carinou, E., Ciraj-Bjelac, O., Clairand, I., Dabin, J., De Angelis, C., Domienik, J., Jarvinen, H., Kopec, R., Majer, M., Malchair, F., Negri, A., Novak, L., Siiskonen, T., Vanhavere, F., and Knežević, Ž., **2015**. Measurement of maximum skin dose in interventional radiology and cardiology and challenges in the set-up of European alert thresholds. *Radiat. Prot. Dosim.* 164, 138-142 (**WG12**)
  - Farah, J., Mares, V., Romero-Expósito, M., Trinkl, S., Domingo, C., Dufek, V., Klodowska, M., Kubancak, J., Knežević, Ž., Liszka, M., Majer, M., Miljanić, S., Ploc, O., Schinner, K., Stolarczyk, L., Trompier, F., Wielunski, M., Olko, P., Harrison, R. M., **2015**. Measurement of stray radiation within a scanning proton therapy facility: EURADOS WG9 intercomparison exercise of active dosimetry systems. *Med. Phys.* 42(5), 2572-2584 (**WG9**)
  - Li, W.B., Klein, W., Blanchardon, E., Puncher, M., Leggett, R.W., Oeh, U., Breustedt, B., Nosske, D., Lopez, M. A., **2015**. Parameter uncertainty analysis of a biokinetic model of caesium. *Radiat. Prot. Dosim.* 163, 37-57 (**WG7**)
  - Li, C., Hauck, B., Capello, K., Nogueira, P., Lopez, M.A., Kramer, G.H., **2015**. Counting <sup>241</sup>Am in the BfS human skull phantom on contact. Evaluation in the Human Monitoring Laboratory. *Health Phys.* 108(3), 380–382 (**WG7**)
  - Lopez, M.A., Fojtik, P., Frank, D., Osko, J., Gerstmann, U., Scholl C., Lebacqz A.L., Breustedt, B., del Risco Norrild, L. **2015** Lessons learned from the EURADOS survey on individual monitoring data and internal dose assessments of foreigners exposed in Japan following the Fukushima Daiichi NPP accident. *Radiat. Prot. Dosim.* doi:10.1093/rpd/ncv510 (**WG7**)



- Nogueira, P., Rühm, W., Lopez, M.A., Vrba, T., Buchholz, W., Fojtík, P., Etherington, G., Broggio, D., Huikari, J., Marzocchi, O., · [...] · Leone, D., Scott, J., Shutt, A., Hauck, B., Capello, K., Pérez-López, B., Navarro-Amaro, J.F., Pliszczynski, T., Fantínová, K., Tolmachev S.Y., **2015**. EURADOS <sup>241</sup>Am skull measurement intercomparison. *Radiat. Meas.* 82, 64-73 **(WG7)**
- Tomas, V., Broggio, D., Caldeira, M., Capello, K., Fantinova, K., Didier, F., Gomez-Ros, J.M., Hunt, J., Kinase, S., Leone, D., Lombardo, P.A., Manohari, M., Marzocchi, O., Moraleda, M., Nogueira, P., Oško, J., Arron, S., Suhl, S., Takahashi, M., Teles, P., Tremblay, M., Tymirńska K., Lopez, M.A., Tanner, R., **2015**. EURADOS intercomparison exercise on MC modelling for the in-vivo monitoring of Am-241 in skull phantoms (Part II and III). *Radiat. Phys. Chem.* 113, 59–71 **(WG7)**
- Vrba, T., Broggio, D., Caldeira, M., Capello, K., Fantínová, K., Franck, D., Gómez-Ros, J. M., Hunt, J., Kinase, S. & Leone, D., **2015**. EURADOS intercomparison exercise on MC modelling for the in-vivo monitoring of AM-241 in skull phantoms (Part II and III). *Radiation Physics and Chemistry*, 113, 59-71. **(WG7 + WG6)**

#### **2014**

- Barros, S., Mares, V., Bedogni, R., Reginatto, M., Esposito, A., Gonçalves, I.F., Vaz P., Rühm, W., **2014**. Comparison of unfolding codes for neutron spectrometry with Bonner Spheres. *Radiat. Prot. Dosim.* 161, 46-52 **(WG11)**
- Bassinet, C., Woda, C., Bortolin, E., Della Monaca, S., Fattibene, P., Quattrini, M. C., Bulanek, B., Ekendahl, D., Burbidge, Cl., Cauwels, V., Kouroukla, E., Geber-Bergstrand, T., Mrozik, A., Marczevska, B., Bilski, P., Sholom, S., McKeever, S. W S., Smith, R. W., Veronese, I., Galli, A., Panzeri, L., Martini, M., **2014**. Retrospective radiation dosimetry using OSL of electronic components: Results of an inter-laboratory comparison. *Radiat. Meas.* 71, 475-479 **(WG10)**
- Camp, A., Vargas, A., **2014**. Ambient Dose estimation H\*(10) form LaBr<sub>3</sub>(Ce) spectra. *Radiat. Prot. Dosim.* 160, 264–268 **(WG3)**
- Caresana, M., Denker, A., Esposito, A., Ferrarini, M., Golnik, N., Hohmann, E., Leuschner, A., Luszik-Bhadra, M., Manessij, G., Mayer, S., Ott, K., Röhrich, J., Silari, M. Trompier, F., Volnhals, M. Wielunski, M., **2014**. Intercomparison of radiation protection instrumentation in a pulsed neutron field. *Nucl. Instrum. Meth. A*, 737, 203-213 **(WG11)**.

- Carinou, E., Ginjaume, M., O'Connor, U., Kopec, R., Sans Merce, M., **2014**. Status of eye lens radiation dose monitoring in European hospitals. *J. Radiol. Prot.* 34, 729–739. (**WG12**)
- Dombrowski, H., **2014**. Area dose rate values derived from NaI or LaBr<sub>3</sub> spectra, *Radiat. Prot. Dosim.* 160, 269-276 (**WG3**)
- Dombrowski, H., Neumaier, S., **2014**. PTB intercomparisons of passive *H\*(10)* area dosimeters for environmental monitoring. *Radiat. Prot. Dosim.* 161 (1-4), 53-57 (**WG3**)
- Fantuzzi, E., Chevallier, M.-A., Cruz-Suarez, R., Luszik-Bhadra, M., Mayer, S., Thomas, D. J., Tanner, R., Vanhavere, F. **2014**. EURADOS IC2012n: EURADOS 2012 intercomparison for whole-body neutron dosimetry. *Radiat. Prot. Dosim.* 161, 73-77. (**WG2**)
- Fattibene, P., Trompier, F., Wieser, A., Brai, M., Ciesielski, B., De Angelis, C., Della Monaca, S., Garcia, T., Gustafsson, H., Olag Hole, E., Juniewicz, M., Krefft, K., Longo, A., Leveque, P., Lund, E., Marrale, M., Michalec, B., Mierzińska, G., Rao, J.L., Romanyukha, A. A., Tuner H., **2014** EPR dosimetry intercomparison using smart phone touch screen glass. *Radiation and environmental biophysics* 53, 311-320. (**WG10**)
- Gilvin, P., Alves, J. G., Cherestes, C., Van Dijk, J. W. E., Lehtinen, M., Rossi, F., Vekic, B., **2014**. Quality assurance in individual monitoring: A summary of the EURADOS survey 2012. *Radiat. Meas.* 71, 434-437. (**WG2**)
- Giussani, A., Blanchardon, E., Breustedt, B., Fritsch, P., Hoeschen, Ch., Lopez, M.A., **2014**. Developing a physiologically based approach for modeling plutonium decorporation therapy with DTPA. *Int. J. Radiat. Biol.* 2014 (Presentation at the HEIR2013 (Health Effects of Ionizing Radiations) Conference held in San Francisco, USA, October 13-17, 2013.) (**WG7**)
- Kopeć, R., Novák, L., Carinou, E., Clairand, I., Dabin, J., Datz, H., De Angelis, C., Farah, J., Huet, C., Knežević, Ž., Järvinen, H., Majer, M., Malchair, F., Negri, A., Haruz Waschitz, S., Siiskonen, T., Szumska, A., Trianni, A., and Vanhavere, F. **2014**. Intercomparison of Gafchromic™ films, TL detectors and TL foils for the measurements of skin dose in Interventional Radiology. *Radiat. Meas.* 71, 282-286 (**WG12**)
- Miljanić, S., Bordy, J.-M., d'Errico, F., Harrison, R., Olko, P., **2014**. Out-of-field dose measurements in radiotherapy - An overview of activity of EURADOS Working Group 9: Radiation protection in medicine. *Radiat. Meas.* 71, 270-275 (**WG9**)
- Neumaier, S., Dombrowski, H., **2014**. EURADOS intercomparisons and the harmonisation of environmental radiation monitoring. *Radiat. Prot. Dosim.* 160, 297-305 (**WG3**)

- Rühm, W., Mares, V., Pioch, C., Agosteo, S., Endo, A., Ferrarini, M., Rakhno, I., Rollet, S., Satoh, D., Vincke, H., **2014**. Comparison of Bonner sphere responses calculated by different Monte Carlo codes at energies between 1 MeV and 1 GeV – Potential impact on neutron dosimetry at energies higher than 20 MeV. *Radiat. Meas.* 67, 24-34 (**WG11**)
- Stadtmann, H., McWhan, A., Figel, M., Dobrzynska, W., Grimbergen, T. W. M., Romero, A. M., **2014**. EURADOS intercomparisons for individual monitoring services: Results of the 2012 whole body intercomparison. *Radiat. Meas.* 71, 416-420 (**WG2**)
- Trompier, F., Boschung, M., Buffler, A., Domingo, C., Cale, E., Chevallier, M.A., Esposito, A., Ferrarini, M., Geduld, D.R., Hager, L., Hohmann, E., Mayer, S., Musso, A., Romero-Esposito, M., Röttger, S., Smit, F.D., Sashala Naik, A., Tanner, R., Wissmann, F., Caresana, M., **2014**. A comparison of the response of PADC neutron dosimeters in high-energy neutron fields. *Radiat. Prot. Dosim.* 161, 78-81 (**WG11**)
- Vrba, T., Malatova, I., Fojtik, P., Fulop, M., Ragan, P., **2014**. A simple physical phantom for an intercomparison exercise on  $^{241}\text{Am}$  activity determination in the skull. *Radiat Prot Dosim.* 158, 224-9 (**WG7 + WG6**)
- Vrba, T., Nogueira, P., Broggio, D., Caldeira, M., Capello, K., Fantinová, K., Figueira, C., Hunt, J., Leone, D., Murugan, M., Marzocchi, O., Moraleda, M., Shutt, A., Suhl, S., Takahashi, M., Tyimińska, K., Lopez, M.A., Tanner, R., **2014**. EURADOS intercomparison exercise on MC modelling for the in-vivo monitoring of Am-241 in skull phantoms (Part I). *R. Radiat. Phys. Chem.* 104, 332-338 (**WG7+WG6**)

## 2013

- Bordy, J.-M., Bessieres, I., d'Agostino, E., Domingo, C., d'Errico, F., di Fulvio, A., Knežević, Ž., Miljanić, S., Olko, P., Ostrowsky, A., Poumarede, B., Sorel, S., Stolarczyk, L., D. Vermesse, D., **2013**. Radiotherapy out-of-field dosimetry: Experimental and computational results for photons in a water tank. *Radiat. Meas.* 57, 29-34 (**WG9**)
- Bütikofer, R., Flückiger, E.O., **2013**. Differences in published characteristics of GLE60 and their consequences on computed radiation dose rates along selected flight paths. *Journal of Physics: Conference Series*, Volume 409, Issue 1, article id. 012166 DOI: 10.1088/1742-6596/409/1/012166 (**WG11**).
- Di Fulvio, A., Domingo, C., De San Pedro, M., D'Agostino, E., Caresana, M., Tana, L., d'Errico, F., **2013**. Superheated emulsions and track etch detectors for photoneutron measurements. *Radiat. Meas.* 57, 19-28 (**WG9**)

- Di Fulvio, A., Tana, L., Caresana, M., D'Agostino, E., de San Pedro, M., Domingo, C., d'Errico, F., **2013**. Clinical simulations of prostate radiotherapy using BOMAB-like phantoms: results for neutrons. *Radiat. Meas.* 57, 48-61 (**WG9**)
- Figueira, C., Becker, F., Blunck, C., DiMaria, S., Baptista, M., Esteves, B., Paulo, G., Santos, J., Teles P., Vaz, P., **2013**. Medical staff extremity dosimetry in CT fluoroscopy: an anthropomorphic hand voxel phantom study. *Phys. Med. Biol.* 58, 5433–5448 (**WG12**)
- Harrison, R. M., **2013**. Introduction to dosimetry and risk estimation of second cancer induction following radiotherapy. *Radiat. Meas.* 57, 1-8 (**WG9**)
- Knežević, Ž., Stolarczyk, L., Bessieres, I., Bordy, J.M., Miljanić, S., Olko, P., **2013**. Photon dosimetry methods outside the target volume in radiation therapy: Optically stimulated luminescence (OSL), thermoluminescence (TL) and radiophotoluminescence (RPL) dosimetry. *Radiat. Meas.* 57, 9-18. (**WG9**)
- Miljanić, S., Bessieres, I., Bordy, J.-M., d'Errico, F., Di Fulvio, A., Kabat, D., Knežević, Ž., Olko, P., Stolarczyk, L., Tana, L., R. Harrison, R., **2013**. Clinical simulations of prostate radiotherapy using BOMAB-like phantoms: Results for photons. *Radiat. Meas.* 57, 35-47. (**WG9**)
- Van Dijk, J. W. E., Alves, J. G., Ambrosi, P., Bartlett, D. T., Currivan, L., Fantuzzi, E., Kamenopoulou, V., **2013**. A Review of the New European Technical Recommendations for Monitoring Individuals Occupationally Exposed to External Radiation. *Radiat. Meas.* 55, 30-33 (**WG2**)

## **2012**

- Becker, F., Blunck, C., Figueira, C., Esteves, B., DiMaria, S., Paulo, G., Santos, J., Teles P., Vaz, P., **2012**. Radiation exposure of medical staff: application of hand phantoms in experiments and simulations. *Safety Engineering* 2, 99-102 (**WG12**)
- Broggio, D., Bento, J., Cardenas-Mendez, E., Farah, J., Fonseca, L., Freiree, T., Konvalinka, C., Liu, L., Caldeira, M., Capello, K., Cowan, P., Cruzate, J.A., Gómez-Ros, J.M., Gossio, S., Heide, B., Huikari, J., Hunt, J., Kinase, S., Kramer, J.H., Kurihara, O., Kyrielis, A., Lebacqz, A.L., Leone, D., Li, J., Li, C., Milhailescu, L.C., Moraleda, M., Oliveira, C., Puerta, N., Reichelt, U., Simões, C., Sommer, D., Takahashi, M., Teles, P., Vanhavere, F., Vrba, T., Franck, D., Gualdrini, G., Lopez, M.A., **2012**. Monte Carlo modelling for the in vivo lung monitoring of enriched uranium: Results of an international comparison. *Radiat. Meas.* 47 492-500 (**WG7+WG6**)

- Dombrowski H., Neumaier S., **2012** Long-term PTB intercomparison of passive H\*(10) dosimeters used in area monitoring, *J. Inst. 7 Po4017*, 0-20 (**WG3**)

## 2011

- Ainsbury, E.A., Bakhanova, E., Barquinero, J. F., Brai, M., Chumak, V., Correcher, V., Darroudi, F., Fattibene, P., Gruel, G., Guclu, I., Horn, S., Jaworska, A., Kulka, U., Lindholm, C., Lloyd, D., Longo, A., Marrale, M., Monteiro Gil, O., Oestreicher, U., Pajic, J., Rakic, B., Romm, H., Trompier, F., Veronese, I., Voisin, P., Vral, A., Whitehouse, C. A., Wieser, A., Woda, C., Wojcil, A., Rothkamm, K., **2011**. Review of retrospective dosimetry techniques for external ionising radiation exposures. *Radiat. Prot. Dosim.* 147, 573–592 (**WG10**).
- Alves, J. G., Ambrosi, P., Bartlett, D. T., Currivan, L., Van Dijk, J. W. E., Fantuzzi, E., Kamenopoulou, V., **2011**. The new EC technical recommendations for monitoring individuals occupationally exposed to external radiation. *Radiat. Prot. Dosim.* 144, 17-25 (**WG2**).
- Bütikofer, R., Flückiger, E.O., **2011**. Radiation doses along selected flight profiles during two extreme solar cosmic ray events. *Astrophysics and Space Sciences Transactions*, 7, 105-109 (**WG11**)
- Castellani, C.M., Lopez, M.A., Luciani, A., Marsh, J.W., Vrba, T., Cruz-Suarez, R., **2011**. Results of an Internal Dose Assessment Intercomparison Exercise after a EURADOS/IAEA Training Course. *Radiat. Prot. Dosim.* 144, 592-595 (**WG7**)
- Grimbergen, T. W. M., Figel, M., Romero, A. M., Stadtmann, H., McWhan, A. F., **2011**. EURADOS self-sustained programme of intercomparisons for individual monitoring services. *Radiat. Prot. Dosim.* 144, 266-274 (**WG2**)
- Kramer, G.H., Lopez, M.A., Broggio, D., Capello, K., Cardenas-Mendez, E., El-Faramawy, Franck, D., James, A.C., Lynch, T.P., Navarro, J.F., Navarro, T., Perez, B., Rühm, W., Tolmachev, S.Y., Weitzenegger, E., **2011**. Comparison of two leg phantoms containing <sup>241</sup>Am in bone. *Health Phys.* 101, 248-258 (**WG7**)
- Lopez, M.A., Balásházy, I., Bérard, P., Blanchardon, E., Breustedt, B., Broggio, D., Castellani, C.M., Franck, D., Giussani, A., Hurtgen, C., James, A.C., Klein, W., Kramer, G.H., Li, W B., Marsh, J.W., Malatova, I., Nosske, D., Oeh, U., Pan, G., Puncher, M., Schimmelpfeng, J., Vrba, T., **2011**. EURADOS coordinated action on research, quality assurance and training on internal dose assessment. *Radiat. Prot. Dosim.* 144, 349-352 (**WG7+WG6**)
- Lopez, M.A., Broggio, D., Capello, K., Cardenas-Mendez, E., El-Faramawy, Franck, D., James, A.C., Kramer, G.H., Lynch, T.P., Navarro, J.F., Navarro, T., Perez, B., Rühm, W., Tolmachev,

S.Y., Weitzenegger, E., **2011**. EURADOS Intercomparison on measurements and Monte Carlo modeling for the assessment of Americium in a USTUR leg phantom. *Radiat. Prot. Dosim.* 144, 295-299 (**WG7+WG6**)

- Nosske, D., Blanchardon, E., Bolch, W.E., Breustedt, B., Eckerman, K.F., Giussani, A., Harrison, J.D., Klein, W., Leggett, R.W., Lopez, M.A., Luciani, A., Zankl, M., **2011**. New developments in Internal Dosimetry Models. *Radiat. Prot. Dosim.* 144, 314-320 (**WG7**)
- Stadtmann, H., Grimbergen, T. W. M., Figel, M., Romero, A. M., McWhan, A. F., **2011**. EURADOS intercomparisons on whole body and extremity dosimeters (2008–2009) – Results and comparison of different dosimeter designs. *Radiat. Meas.* 46, 1829-1834 (**WG2**)
- Stadtmann, H., Grimbergen, T. W. M., Figel, M., Romero, A. M., McWhan, A. F., **2011**. Results of the EURADOS extremity dosimeter intercomparison 2009. *Radiat. Prot. Dosim.* 144, 275-281 (**WG2**)

#### **2010**

- Breustedt, B., Blanchardon, E., Berard, P., Frittsch, P., Giussani, A., Lopez, M.A., Luciani, A., Nosske, D., Piechowski, J., Schimmelpfeng, J., Serandour, A.L., **2010**. The CONRAD Approach to Biokinetic Modeling of DTPA Decorporation Therapy. *Health Phys.* 99, 547-552 (**WG7**)
- Richter, D., Dombrowski, H., Neumaier, S., Guibert, P., Zink A. C., **2010** Environmental gamma dosimetry with OSL of alpha-AL<sub>2</sub>O<sub>3</sub>:C for in situ sediment measurements, *Radiat. Prot. Dosim.* 141, 27-35 (**WG3**)

#### **2009**

- Alves, J. G., Ambrosi, P. A., Bartlett, D. T., Currivan, L., Van Dijk, J. W. E., Fantuzzi, E., Kamenopoulou, V., **2009**. Revision of European Commission technical recommendations on individual monitoring of external radiation exposure. *Radiat. Prot. Dosim.* 133, 127-129 (**WG2**)
- Beck, P., Bottolier, J.-F., Reitz, G., Rühm, W., Wissmann F., **2009**. Cosmic radiation and aircrew exposure. *Radiat. Prot. Dosim.* 136, 231 (**WG11**)
- Bottolier-Depois, J. F., Beck, P., Ennett, B., Bennett, L., Bütikofer, R., Clairand, I., Desorgher, L., Dyer, C., Felsberger, E., Flückiger, E., Hand, A., Kindl, P., Latocha, M., Lewis, B., Leuthold, G., Maczka, T., Mares, V., McCall, M. J., O'Brien, K., Rollet, S., Rühm, W., Wissmann F., **2009** Comparison of codes assessing galactic cosmic radiation exposure of aircraft crew. *Radiat. Prot. Dosim.* 136, 317-323 (**WG11**)

- Breustedt, B., Blanchardon, E., Berard, P., Fritsch, P., Giussani, A., Lopez, M.A., Luciani, A., Nosske, D., Piechowski, J., Schimmelpfeng, J., Serandour, A.L., **2009**. Biokinetic Modelling of DTPA Decorporation Therapy: the CONRAD Approach. *Radiat. Prot. Dosim.* 134, 38-48. **(WG7)**
- Dombrowski, H., Neumaier, S., Thompson, I. M. G., Wissmann F., **2009**. EURADOS intercomparison 2006 to harmonise European early warning dosimetry systems. *Radiat. Prot. Dosim.* 135, 1-20 **(WG3)**
- Silari, M., Agosteo, S., Beck, P., Bedogni, R., Cale, E., Caresana, M., Domingo, C., Donadille, L., Dubourg, N., Exposito, A., Fehrenbacher, G., Fernández, F., Ferrarini, M., Fiechtner, A., Fuchs, A., García, M.J., Golnik, N., Gutermuth, F., Khurana, S., Klages, Th., Latocha, M., Mares, V., Mayer, S., Radon, T., Reithmeier, H., Rollet, S., Roos, H., Rühm, W., Sandri, S., Schardt, D., Simmer, G., Spurný, F., Trompier, F., Villa-Grasa, C., Weitzenegger, E., Wiegel, B., Wielunski, M., Wissmann, F., Zechner, A., Zielczynski M., **2009**. Intercomparison of radiation protection devices in a high-energy stray neutron field. Part III: Instrument response. *Radiat. Meas.* 44, 673-691 **(WG11+WG6)**
- Wiegel, B., Agosteo, S., Bedogni, R., Caresana, M, Exposito, A., Fehrenbacher, G., Ferrarini, M., Hohmann, E., Hranitzky, C., Kasper, A., Khurana, S., Mares, V., Reginatto, M., Rollet, S., Rühm, W., Schardt, D., Silari, M., Simmer, G., Weitzenegger E., **2009**. Intercomparison of radiation protection devices in a high-energy stray neutron field, Part II: Bonner sphere spectrometry. *Radiat. Meas.* 44, 660-672 **(WG11+WG6)**

## 2008

- Beck, P., Bartlett, D. T., Bilski, P., Dyer, C., Flückiger, E., Fuller, N., Lantos, P., Reitz, G., Rühm, W., Spurny, F., Taylor, G., Trompier, F., Wissmann F., **2008**. Validation of modelling the radioation exposure due to solar particles events at aircraft altitudes. *Radiat. Prot. Dosim.* 131, 51-58. **(WG11)**
- Bordy, J.-M., Daures, J., Clairand, I., Denozière, M., Donadille, L., d'Errico, F., Gouriou, J., Itié, C., Struelens, L., **2008**. Evaluation of the calibration procedure of active personal dosimeters for interventional radiology. *Radiat. Prot. Dosim.* 131, 87-92 **(WG9)**
- Clairand, I., Struelens, L., Bordy, J.-M., Daures, J., Debroas, J., Denosière, M., Donadille, L., Gouriou, J., Itié, Vaz, P., d'Errico, F., **2008**. Intercomparison of active personal dosimeters in interventional radiology. *Radiat. Prot. Dosim.* 129, 340-345 **(WG9)**

- > de Carlan, L., Price, R., Chartier, J-L., Kodeli, I., Siebert, B., Henninger J., Posselt, J., Gualdrini, G., Agosteo, S., Bedogni, R., Bordy, J-M., Cassette, P., Ferrari P., Gomez Ros, J-M., Grosswendt B., Lacoste, V., Pola, A., Rollet, S., Schultz, F., Simakov, S.P., Tanner, R., Terrissol, M., Zankl, M., **2008**. Analysis of computational problems expressing the overall uncertainties: photons, neutrons and electrons. *Radiat. Prot. Dosim.* 131, 15-23 (**WG6**)
- > Dombrowski, H., Wissmann F., **2008**. Meteorological influences on the results of area dose rate measurements, *Kerntechnik* 73, 113-117 (**WG3**)
- > Donadille, L., Carinou, E., Ginjaume, M., Jankowski, J., Rimpler, A., Sans Merce, M., Vanhavere, F., **2008**. An overview of the use of extremity dosimeters in some European countries for medical application. *Radiat. Prot. Dosim.* 131, 62-66 (**WG9**)
- > Ginjaume, M., Carinou, E., Donadille, L., Jankowski, J., Rimpler, A., Sans Merce, M., Vanhavere, F., Denozière, M., Dures, J., Bordy, J.-M., Itie, C., Covens, P., **2008**. Extremity ring dosimetry intercomparison in reference and workplace fields. *Radiat. Prot. Dosim.* 131, 67-72 (**WG9**)
- > Gómez-Ros, J.M., de Carlan, L., Franck, D., Gualdrini, G., Lis, M., López, M.A., Moraleda, M., Zankl, M., Badal, A., Capello, K., Cowan, P., Ferrari, P., Heide, B., Henniger, J., Hooley, V., Hunt, J., Kinase, S., Kramer, G.H., Löhnert, D., Lucas, S., Nuttens, V., Packer, L.W., Reichelt, U., Vrba, T., Sempau, J., Zhang, B., **2008**. Monte Carlo modelling of Germanium detectors for the measurement of low energy photons in internal dosimetry: results of an international comparison. *Radiat. Meas.* 43, 510-515 (**WG7+WG6**)
- > Gómez-Ros, J.M., de Carlan, L., Franck, D., Gualdrini, G., Lis, M., López, M.A., Moraleda, M., Zankl, M., **2008**. Analysis of Computational Problems involving complex voxel geometries. *Radiat. Prot. Dosim.* 131, 24-27 (**WG7+WG6**)
- > Gualdrini, G., Tanner, R. J., Agosteo, S., Pola, A., Bedogni, R., Ferrari, P., Lacoste, V., Bordy, J-M., Chartier, J-L., de Carlan, L., Gomez Ros, J-M., Grosswendt, B., Kodeli, I., Price, R. A., Rollet, S., Schultz, F., Siebert, B., Terrissol, M., Zankl, M., **2008**. Analysis of the CONRAD computational problems expressing only stochastic uncertainties: neutrons and protons. *Radiat. Prot. Dosim.* 131, 7-14 (**WG6**)
- > Järvinen, H., Buls, N., Clerinx, P., Jansen, J., Miljanić, S., Nikodemová, D., Ranogajec-Komor, M., d'Errico, F., **2008**. Overview of double dosimetry procedures for the determination of the effective dose to the interventional radiology staff. *Radiat. Prot. Dosim.* 129, 333-339 (**WG9**)



- Järvinen, H., Buls, N., Clerinx, P., Miljanić, S., Nikodemová, D., Ranogajec-Komor, M., Struelens, L., d'Errico, F., **2008**. Comparison of double dosimetry algorithms for estimating the effective dose in occupational dosimetry of interventional radiology staff. *Radiat. Prot. Dosim.* 131, 80-86 (**WG9**)
- Lopez, M.A., Etherington, G., Castellani, C.M., Franck, D., Hurtgen, C., Marsh, J.W., Nosske, D., Breustedt, B., Blanchardon, E., Andradi, A., Bailey, M., Balashazy, I., Battisti, P., Bérard, P., Birchall, A., Broggio, D., Challeton-de-Vathaire, C., Cruz-Suarez, R., Doerfel, H., Giussani, A., Hodgson, A., Koukoulidou, V., Kramer, G.H., Le Guen, B., Luciani, A., Malatova, I., Molokanov, A., Moraleda, M., Muikku, M., Oeh, U., Puncher, M., Rahola, T., Stradling, N., Vrba, T., **2008**. Internal Dosimetry: towards harmonisation and coordination of research. *Radiat. Prot. Dosim.* 131, 28-33 (**WG7**)
- Marsh, J.W., Castellani, C.M., Hurtgen, C., Andradi, A., Bailey, M.R., Birchall, A., Blanchardon, E., Desai, A.D., Dorrian, M.D., Doerfel, H., Koukoulidou, V., Lopez, M.A., Luciani, A., Malatova, I., Molokanov, A., Puncher, M., Vrba, T., **2008**. Internal Dose Assessments: Uncertainty studies and update of IDEAS Guidelines and Databases within CONRAD Project. *Radiat. Prot. Dosim.* 131, 34-39 (**WG7**)
- Nosske, D., Birchall, A., Blanchardon, E., Breustedt, B., Giussani, A., Luciani, A., Oeh, U., Lopez, M.A., **2008**. Development, implementation and quality assurance of biokinetic models within CONRAD. *Radiat. Prot. Dosim.* 131, 40-45 (**WG7**)
- Vanhavere, F., Carinou, E., Donadille, L., Ginjaume, M., Jankowski, J., Rimpler, A., Sans Merce, M., **2008**. An overview on extremity dosimetry in medical applications. *Radiat. Prot. Dosim.* 129, 350-355 (**WG9**)

## **2007**

- Gómez-Ros, J.M., de Carlan, L., Franck, D., Gualdrini, G., Lis, M., López, M.A., Moraleda, M., Zankl, M., **2007**. International comparison on Monte Carlo modelling for in vivo measurements of Americium in a knee voxel phantom. *Health Phys.* 93, S12 (**WG7+WG6**)
- Gómez-Ros, J.M., de Carlan, L., Franck, D., Gualdrini, G., Lis, M., López, M.A., Moraleda, M., Zankl, M., **2007**. Monte Carlo modelling for in vivo measurements of Americium in a knee voxel phantom: general criteria for an international intercomparison. *Radiat. Prot. Dosim.* 127, 245-248 (**WG7+WG6**)

- Gomez Ros, J.M., Moraleda, M., Lopez, M.A., Navarro, T., Navarro, J.F., **2007**. Monte Carlo based voxel phantoms for in vivo internal dosimetry. *Radiat. Prot. Dosim.*125, 161-165 (**WG7+WG6**)
- Lopez, M.A., Etherington, G., Castellani, C.M., Franck, D., Hurtgen, C., Marsh, J., Nosske, D., Doerfel, H., Andradi, A., Bailey, M., Balashazy, I., Battisti, P., Bérard, P., Berkowski, V., Birchall, A., Blanchardon, E., Bonchuk, Y., Boschung, M., de Carlan, L., Cantone M.C., Challeton de Vathaire, C., Cruz-Suarez, R., Davis, K., Dorrian, D., Giussani, A., Le Guen, B., Hodgson, A., Jourdain, J.R., Koukoulidou, V., Luciani, A., Malatova, I., Molokanov, A., Moraleda, M., Muikku, M., Oeh, U., Puncher, M., Rahola, T., Ratia, H., Stradling, N., **2007**. Coordination of Research on Internal Dosimetry in Europe: the CONRAD Project. *Radiat. Prot. Dosim.* 127, 311-316 (**WG7**)
- Marsh, J.W., Andradi, A., Bailey, M.R., Birchall, A., Blanchardon, E., Berkovski, V., Bonchug, Y., Castellani, C.M., Desai, A.D., Doerfel, H., Dorrian, M.D., Hurtgen, C., Koukoulidou, V., Lopez M.A., Luciani, A., Malatova, I., Molokanov, A., Puncher, M., Ratia, H., **2007**. Evaluation of scattering factor values for the internal dose assessment following IDEAS guidelines: preliminary results. *Radiat. Prot. Dosim.*127, 339-342 (**WG7**)
- Nosske, D., Berkovski, V., Birchall, A., Blanchardon, E., Cantone, M.C., Davis, K., Giussani, A., Luciani, A., Marsh, J., Oeh, U., Ratia, H., Lopez, M.A., **2007**. The Work of the CONRAD Task Group 5.2 "Research Studies on Biokinetic Models". *Radiat. Prot. Dosim.* 127, 93-96 (**WG7**)
- Moraleda, M., Lis, M., Gomez-Ros, J.M., Lopez, M.A., **2007**. A specific voxel phantom for in vivo measurements of Am-241 in the knee. *Radiat. Prot. Dosim.* 127, 258-261. (**WG7+WG6**)
- Sáez-Vergara, J. C., Thompson, I. M. G., Gurriarán, R., Dombrowski, H., Funck E., Neumaier S., **2007**. The Second EURADOS International Intercomparison of National Network Systems Used to Provide Early Warning of a Nuclear Accident *Radiat. Prot. Dosim.* 123, 190-208 (**WG3**)

## 2006

- Kamenopoulou, V., Van Dijk, J. W. E., Ambrosi, P., Bolognese-Milsztajn, T., Castellani, C. M., Currivan, L., Falk, R., Fantuzzi, E., Figel, M., Alves, J. G., Ginjaume, M., Janzekovic, H., Kluszczynski, D., Lopez, M. A., Luszik-Bhadra, M., Olko, P., Roed, H., Stadtmann, H., Vanhavere, F., Vartiainen, E., Wahl, W., Weeks, A., Wernli, C., **2006**. Aspects of

harmonisation of individual monitoring for external radiation in Europe: Conclusions of a EURADOS action. Radiat. Prot. Dosim. 118, 139-143 (**WG2**)

- > Price, R. A., Gualdrini, G., Agosteo, S., Ménard, S., Chartier, J-L., Grosswendt, B., Kodeli, I., Leuthold, G. P., Siebert, B. R. L., Tagziria, H., Tanner, R. J., Terrissol, M., Zankl, M., **2006**. Pitfalls and modelling inconsistencies in computational radiation dosimetry: lessons learnt from the QUADOS intercomparison. Part II: Photons, electrons and protons. Radiat. Prot. Dosim. 118, 155-166 (**WG6**)
- > Siebert, B. R. L., Tanner, R. J., Chartier, J-L., Agosteo, S., Grosswendt, B., Gualdrini, G., Ménard, S., Kodeli, I., Leuthold, G. P., Price, R. A., Tagziria, H., Terrissol, M., Zankl, M., **2006**. Pitfalls and modelling inconsistencies in computational radiation dosimetry: lessons learnt from the QUADOS intercomparison. Part I: Neutrons and uncertainties. Radiat. Prot. Dosim. 118, 144-154 (**WG6**)
- > Wissmann, F., Sáez-Vergara, J. C., **2006**. Dosimetry of environmental radiation – a report on the achievements of EURADOS WG3, Radiat. Prot. Dosim. 118, 167-175 (**WG3**)

## **2005**

- > Gualdrini, G., Agosteo, S., Ménard, S., Price, R. A., Chartier, J-L., Grosswendt, B., Kodeli, I., Leuthold, G. P., Siebert, B. R. L., Tagziria, H., Tanner, R. J., Terrissol, M., Zankl, M., **2005**. QUADOS intercomparison: a summary of photon and charged particle problems. Radiat. Prot. Dosim. 115, 587-599 (**WG6**)