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# Conference Presentation

2008

1. David D. Cohen (invited), Latest Trends in Ion Beam Analysis of Fine Particle Air Pollution. European Conference on X-ray Spectrometry, Cavtat, Dubrovnik, Croatia, 16-20 June 2008
2. Y. Shiga, R. Greene, K. Scott, E. Stelcer, Aeolian dust: Its potential role as a carrier of terrestrial salt in Australia. The 4<sup>th</sup> Australian and New Zealand Aerosol Workshop, Lucas Heights, Sydney, 16-18 July 2008.
3. M. Radhi, M. Box, G. Box, R. M. Mitchell, M. Keywood, D. French, D. D. Cohen, E. Stelcer, Physical and chemical properties of Australian desert dust, Aeolian dust: Its potential role as a carrier of terrestrial salt in Australia, The 4<sup>th</sup> Australian and New Zealand Aerosol Workshop, Lucas Heights, Sydney, 16-18 July 2008.
4. Y. Shiga, R. Greene, K. Scott, E. Stelcer, Aeolian dust: Its potential role as a carrier of terrestrial salt in Australia. The 4<sup>th</sup> Australian and New Zealand Aerosol Workshop, Lucas Heights, Sydney, 16-18 July 2008.
5. David D. Cohen, Eduard Stelcer, Michael Prior, Over 10 years of IBA characterisation and PMF source apportionment of fine particle pollution in Australia, The 4<sup>th</sup> Australian and New Zealand Aerosol Workshop, Lucas Heights, Sydney, 16-18 July 2008.
6. A.J. Friend, G. A. Ayoko, E. Stelcer, Source identification and source apportionment of air pollution Aeolian dust: Its potential role as a carrier of terrestrial salt in Australia, The 4<sup>th</sup> Australian and New Zealand Aerosol Workshop, Lucas Heights, Sydney, 16-18 July 2008.
7. David J Paterson, Martin D de Jonge, Jonathan McKinlay, Chris G Ryan, David D Cohen, The Microspectroscopy Beamline at the Australian Synchrotron: design and capabilities, 9th International Conference on X-Ray Microscopy, Zurich, Switzerland, 21-26 July 2008.
8. R. Siegele, A. Kachenko, M. Ionescu, D. D. Cohen, Improved resolution and sensitivity on the ANSTO microprobe and its application to PIXE, 11<sup>th</sup> International Conference on Nuclear Microprobe, Technology and Applications & 3<sup>rd</sup> International Workshop on Proton Writing, Debrecen, Hungary, 20-25 July 2008.
9. A. Kachenko, N. P. Bhatia, R. Siegele, K. B Walsh and B. Singh, Nickel, Zn and Cd localisation in seeds of metal hyperaccumulators using  $\mu$ -PIXE spectroscopy, 11<sup>th</sup> International Conference on Microprobe Technology and Applications, 21-25. July 2008, Debrecen, Hungary.
10. M. R. Radhi, M. A. Box, G. P. Box, R. M. Mitchell, M. Keywood, D. French, D. D. Cohen, E. Stelcer, Physical, chemical and optical properties of Australian desert dust: a multiple

analysis from several sites, Dust Workshop, Institute for Tropospheric Research, Leipzig, Germany, 15-17 September 2008.

11. Philip K. Hopke, David D. Cohen, Bilkis A. Begum, Swapan K. Biswas, Bangfa Ni, Gauri Girish Pandit, Muhayatun Santoso, Yong-Sam Chung, Perry Davy, Andreas Markwitz, Shahida Waheed, Naila Siddique, Flora L. Santos, Preciosa Corazon B. Pabroa, Manikkuwadura Consy Shirani Seneviratne, Wanna Wimolwattanapun, Supamatthree Bunprapob, Thu Bac Vuong, Andrzej Markowicz, Urban Air Quality in the Asian Region, American Association for Aerosol Research (AAAR) 27th Annual Conference, Orlando, Florida, 20-24 October 2008.
12. J. Crawford, W. Zahorowski, D. Cohen, A new application of radon-222 for clustering of atmospheric pollution events. Cape Grim Baseline Air Pollution Station Annual Science Meeting, Centre for Australian Weather and Climate Research, CSIRO Marine and Atmospheric Research, Aspendale, Victoria, 27-28 November 2008.
13. M. Ionescu, R. Siegele, D. D. Cohen, ANSTO Ion Beam Nuclear Techniques for Thin Films Characterisation, ANSTO Workshop on Nanostructures, ANSTO, 04.04.2008
14. M. Ionescu, R. Siegele, D. D. Cohen, ANSTO Accelerator Capabilities for Materials Characterization, IAEA, 15-19 September 2008, Vienna, Austria
15. K. Lilly, D. Fabel, D. Fink, K. Lambeck, Three million years of ice sheet history from interior East Antarctica, European Geophysical Union Conf, April 2008
16. H. Rother, D. Fink, J. Shulmeister, C. Mifsud,  $^{10}\text{Be}$  /  $^{26}\text{Al}$  exposure age chronologies from mid-latitude Southern Hemisphere glacial sequences in the Southern Alps, New Zealand, European Geophysical Union Conf, April 2008
17. A. Makintosh, E Domack, A. Leventer, D. White, D. Fink, D. Gore and R. Dunbar, East Antarctic Ice Sheet retreat as a response to Meltwater Pulse 1A, 30th SCAR Antarctic Meeting, St Petersburg, Russia July 2008
18. A. Heimsath, J. Chappel, G. Hancock, D. Fink, K. Fifield, Eroding Australia: Slowly, 18<sup>th</sup> Annual Goldschmidt Conf. Vancouver, July 2008 Geochim Cosmochim Acta, Supp. V72, abstract list.
19. A. Smith, K. Simon, J. Pedro, D. Fink, M. Curran, T. van Ommen,  $^{10}\text{Be}$  studies in snow and ice from the Arctic and Antarctic at monthly and annual resolution spanning the last 70 years. 11<sup>th</sup> Int AMS Conf. Rome, Italy, Sept 2008
20. D. Fink, H. Rother, J. Shulmeister, Is there a late-glacial YD readvance at ~ 11-12 ka during Termination I – cosmogenic dating revisits the Misery moraines in the Southern Alps of New Zealand, 11<sup>th</sup> Int AMS Conf, Rome, Italy Sept 2008
21. D. Fink, R. Mulvaney, Cosmogenic  $^{10}\text{Be}$  and  $^{26}\text{Al}$  in bedrock quartz grains from the bottom of Berkner Island Ice Core, Antarctica. 11<sup>th</sup> Int AMS Conf. Rome, Italy, Sept 2008.
22. Q. Hua, M. Barbett, D. Fink, V. Levchenko, U. Zoppi, A Smith, F. Bertuch, New radiocarbon measurements from Tasmanian Huon pine: Closing the current gap in tree-ring based calibration data during the early Younger Dryas, 11<sup>th</sup> Int AMS Conf, Rome, Italy Sept 2008
23. D. Fink, F. Bertuch, D. Child, E. Hodge, M. Hotchkis, Q. Hua, G. Jacobsen, V. Levchenko, C. Mifsud, H. Rother, K. Simon, A. Smith, A. Williams, S. Winkler, H. McGregor, A. Jenkinson, The ANTARES – ANSTO AMS facility: 16 years old and going forward, 11<sup>th</sup> Int AMS Conf, Rome, Italy Sept 2008

24. V. Levchenko, D. Fink, B. Opdyke, C. Mifsud, A. Williams, Beryllium-10 in forams and marine sediments; A new Chemo-Stratigraphic tracer for the Late Quaternary? , 11<sup>th</sup> Int AMS Conf, Rome, Italy Sept 2008
25. D. Fink, AMS after 30 years: Yesterday, tomorrow and the AMS-11 Conf at Rome, 11<sup>th</sup> Int AMS Conf, Rome, Italy Sept 2008
26. D Fink, K.Lilly and D. Fabel, Ice Sheet Elevation Changes at Grove Mnts, East Antarctica using cosmogenic <sup>10</sup>Be and <sup>26</sup>Al, 30th SCAR Antarctic Meeting, St Petersburg, Russia, July 2008
27. S. Robinson, L. Clarke, Q. Hua, D. Fink, The influence of environment on the growth rate of East Antarctic mosses since the 1950s, 30th SCAR Antarctic Meeting, St Petersburg, Russia, July 2008
28. Hua, Q., Radiocarbon calibration and marine reservoir ages, The 4<sup>th</sup> Ainese Quaternary Dating Workshop, 26-27 Mar 2008, Lucas Heights, Sydney.
29. Joel Pedro, Andrew Smith, Tas van Ommen Mark Curran, Krista Simon, David Fink and Vin Morgan, High-resolution studies of cosmogenic <sup>10</sup>Be at Law Dome, Antarctica, 4<sup>th</sup> AINSE Quaternary Dating Workshop, 26-27 Mar 2008, Lucas Heights, Sydney.
30. Barbetti, M., and Q. Hua, Imprints of atmospheric circulation in tree rings, The 4<sup>th</sup> AINSE Quaternary Dating Workshop, 26-27 Mar 2008, Lucas Heights, Sydney.
31. D. Fink, Exposure Age Dating and Geomorphology with In-Situ cosmogenic Isotopes <sup>10</sup>Be, <sup>26</sup>Al and <sup>36</sup>Cl, The 4<sup>th</sup> ANSTO-AINSE Quaternary Dating Workshop, 26-27 Mar 2008, Lucas Heights, Sydney, ISBN 978 0 9758434 4
32. Weisler, M., Q. Hua, and J-x. Zhao, C-14 marine reservoir ages in Hawaii derived from U-series dated corals, The Society for American Archaeology meetings, Mar 2008, Vancouver, Canada.
33. Weisler, M., Q. Hua, and J-x. Zhao, C-14 marine reservoir ages in Hawaii derived from U-series dated corals: spatial and temporal variation in  $\Delta R$ , The Australian Archaeological Association Conference, 3-6 Dec 2008, Brisbane.
34. Weisler, M., Q. Hua, and J-x. Zhao, Variation in late Holocene C-14 marine reservoir ages in Hawaii derived from U-series dated corals, The Society for Hawaiian Archaeology Annual Conference, 17-19 Oct 2008, Hawaii, USA.
35. Smith, A.M., Q. Hua, A. Williams, and V. Levchenko, Improvements in micro-samples <sup>14</sup>C AMS at the ANTARES AMS facility, The 11<sup>th</sup> International Conference on AMS, 14-19 Sep 2008, Rome, Italy.
36. Kosnik, M.A., Q. Hua, D.S. Kaufman, and R.A. Wüst, Bioturbation, taphonomic bias and time-average in tropical molluscan death assemblages: Differential shell half-lives in Great Reef sediment, Coral Reef Symposium, 7-11 Jul 2008, Florida, USA.
37. Hua, Q., D. Bowman, S. Pearson, and K. Allen, Validation of tree-ring ages of recent Australian Callitris by means of bomb radiocarbon. The 11<sup>th</sup> International Conference on AMS, 14-19 Sep 2008, Rome, Italy.
38. A.M. Smith, Tracing atmospheric methane sources with radiocarbon, ARCNESS Palaeoclimate Workshop, UNSW, 12-13 Nov 2008
39. Petrenko, V.V., A.M. Smith, J.P. Severignhaus, E. J. Brook, D. Lowe, K.Riedel, G. Brailsford, Q. Hua, N. Reeh, H. Schaefer, R.F. Weiss and D. Etheridge, Measurements of <sup>14</sup>CH<sub>4</sub> in

Greenland ice: investigating methane sources during the last glacial termination, AGU Fall Meeting, 15-19 Dec 2008, San Francisco, USA.

40. Stephen Winkler, Michael E. Ketterer, L.Keith Fifield, Stephen G. Tims, Gerald Matisoff, Chris Wilson, Determination of the 244-Pu level introduced by testing of thermo-nuclear devices, The 11<sup>th</sup> International Conference on AMS, 14-19 Sep 2008, Rome Italy.
41. Duldig, M.L., Pedro, J.B., Smith, A.M., Klekociuk, A.R., Simon, K.J., Curran, M.A.J., van Ommen, T.D., Fink, D.A., Morgan, V.I., Galton-Fenzi, B.K. (2008) 10Be Concentrations in Antarctic Snow Following the 29 Oct 2003 and 20 Jan 2005 Solar Cosmic ray Event, Astronomical Society of Australia 2008 Annual Scientific Meeting, University of Western Australia, Perth, 6-10 July 2008.
42. Jacobsen, G.E. (2008) AMS Radiocarbon Dating. 4<sup>th</sup> Quaternary Dating Workshop. 26-27 March 2008, Sydney, Australia. p.39-42
43. Peter J. McGlinn, Daniel R.M. Brew, Timothy Payne, Kylie P. Olufson. (2008).Durability of a Cementitious Material in Waste Disposal Studies: Integration of Neutron Tomography Studies with Other Physical and Chemical Techniques. 2<sup>nd</sup> International Workshop on Mechanisms and Modelling of Waste/Cement Interactions.
44. Jennifer J Harrison, Atun W Zawadzki, Robert Chisari and Henri Wong (2008). Rapid determination of uranium, thorium, plutonium, americium and strontium activities in water, soil and vegetation. SPERA 2008 10<sup>th</sup> South pacific Radioactivity Conference.
45. Williams, A.G., Zahorowski, W., Chambers, S., Hacker, J.M., Schelander, P., Element, A., Werczynski, S., and Griffiths, A., 2008: "Mixing and venting in clear and cloudy boundary layers using airborne radon measurements", 18<sup>th</sup> AMS Conference on Boundary Layers and Turbulence, Stockholm Sweden, 9-13 June 2008. Oral presentation and extended abstract 9B.4, 5pp. <http://ams.confex.com/ams/pdfpapers/139974.pdf>
46. Zahorowski, W., Williams, A.G., Vermeulen, A.T., Chambers, S., Crawford, J., and Sisouham, O., 2008: "Diurnal boundary layer mixing patterns characterised by radon-222 gradient observations at Cabauw", 18<sup>th</sup> AMS Conference on Boundary Layers and Turbulence, Stockholm Sweden, 9-13 June 2008. Oral presentation and extended abstract 9B.2, 5pp. <http://ams.confex.com/ams/pdfpapers/139978.pdf>
47. Zahorowski, W., Chambers, S., Kang, C-H., Crawford, J., Werczynski, S., and Williams, A.G., 2008: "Influence of turbulent mixing and air circulation in the lower atmosphere on fetch areas of selected WMO Atmosphere Watch baseline air pollution stations", 18<sup>th</sup> AMS Conference on Boundary Layers and Turbulence, Stockholm Sweden, 9-13 June 2008. Poster presentation and extended abstract P2.5, 5pp. <http://ams.confex.com/ams/pdfpapers/139979.pdf>
48. Verheggen, B.; Vermeulen, A.T.; Zahorowski, W. Tall Tower Observations and Transport Modelling of Radon, Carbon Dioxide and Methane. European Geosciences Union, General Assembly 2008, Vienna, Austria, 13 – 18 April 2008
49. A.I. Hirsch, M.L. Fischer, S.C. Biraud, W.J. Riley, M.S. Torn, J.A. Berry, A.E. Andrews, S. Chambers, W. Zahorowski. Regional-scale carbon dioxide fluxes during the 2007 growing season derived from simultaneous radon-222 and carbon dioxide measurements in Oklahoma. NOAA ESRL Global Monitoring Division's 2008 Annual Conference 14-15 May, Boulder, Colorado.

50. Alex Vermeulen, Verheggen, B., Zahorowski, W. "Rn222 vertical gradient measurements and its use for transport model calibration" Transcom 2008, Utrecht, the Netherlands, 2-5 June 2008
51. S. Taguchi, R. M. Law, W. Peters, C. Rödenbeck, P. K. Patra, S. Maksyutov, W. Zahorowski, H. Sartorius, I. Levin. "TransCom continuous experiment: Comparisons of radon concentrations at inland stations" Transcom 2008, Utrecht, the Netherlands, 2-5 June 2008
52. Prabir Patra, W. Zahorowski, et al. Global, regional and local scale transport of SF6 and CO2 in the troposphere" Transcom 2008, Utrecht, the Netherlands, 2-5 June 2008
53. Payne, T.E., Comarmond, M.J., (2008) "Applicability of surface area normalised distribution coefficients ( $K_a$ ) in interpreting measurements of radionuclide sorption. South Pacific Environmental Radioactivity Association Conference.
54. Hughes, C.E., Cendon, D.I., Hankin, S.I. Harrison, J.J., Hoffmann, E.L., Loosz, T., Payne, T.E., Twining, J.R., Vine, M. (2008) "Movement of a tritium plume in shallow groundwater at a legacy low-level radioactive waste disposal site in eastern Australia over four decades." South Pacific Environmental Radioactivity Association Conference. Christchurch, New Zealand 24-27 November 2008.
55. Timothy E. Payne, Vinzenz Brendler, Cordula Nebelung and M. Josick Comarmond. Applicability of surface area normalised distribution coefficients ( $K_a$ ) in interpreting measurements of radionuclide sorption. SPERA conference (Christchurch, November 2008).
56. John Twining, N. Creighton, J. Harrison, E. Hoffmann, B. Neklapilova and M. Vine. Method development for tritium measurements and initial evaluation of tritium data for tree transpire from a legacy waste site in eastern Australia. SPERA conference (Christchurch, November 2008).
57. John Dodson (Invited). Timing of the Complexity of Agriculture in Gansu, NW China. 50<sup>th</sup> Anniversary Symposium on Archaeometry, for University of Science and Technology of China, Hefei, 23<sup>rd</sup> September 2008.
58. John Dodson (Invited). Early Bonze in NW China. International Conference on Civilisation and Bronze. Tongling City, Anhui, China 24<sup>th</sup> September 2008.
59. Andersen M.S., Meredith K., Timms W. & Acworth R.I. (2008): Investigation of  $\delta^{18}\text{O}$  and  $\delta^2\text{H}$  in the Namoi River catchment – elucidating recharge sources and the extent of surface water/groundwater interaction. XXXVI IAH Congress Toyama, Japan, 26<sup>th</sup> Oct - 1<sup>st</sup> Nov, 2008 (plenary paper).
60. Kelleway J, Mazumder D, Kobayashi Yoshi (2008). Using isotopic techniques to assess relationships between flow and trophic structure in northern MDB wetlands. Northern Basin, Southern Basin; *Ecosystem Response Modelling in the Murray Darling Basin*, Sydney, Australia. P-22.
61. Mazumder D, Szymczak R, Saintilan N, Williams RJ, Cairns J. (2008). Trophic connectivity of estuarine biota elucidated by stable isotope signatures of carbon & nitrogen, *The 6th International conference on application of stable isotope techniques to ecological research*, Honolulu, Hawaii, USA. P- 157
62. Mazumder D, Saintilan N, Williams RJ, Kelleway J, Kobayashi T, Knowles L, Iles, J. (2008). Climate change perspectives on food web structures in wetlands. Climate Change, Sea-Level

Rise and Wetland Adaptions. Wetland Education and Training (WET) Program, Sydney Olympic Park Authority, Sydney, P-17.

63. Hollins, S., Meredith, K., Twining, J. (2008). Using stable isotopes to investigate tree water sources and groundwater-surface water interactions in the Macquarie Marshes, NSW Australia. *The 6th International conference on application of stable isotope techniques to ecological research*, Honolulu, Hawaii, USA. P-139.
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65. Mazumder D, Kelleway J, Kobayashi T, Knowles L, Saintilan N, Wilson, G. (2008). Using stable isotopes to construct food webs of the Lower Gwydir Wetlands. *The lower Gwydir: surface flows and the ecology of streams and wetlands*. Moree, New South Wales, Australia, P- 9.
66. T.E. Payne, T. Itakura, M.J. Comarmond and J.J. Harrison. Environmental Mobility of Cobalt as Influenced by Solid Phase Characteristics and Groundwater Chemistry. 6th International Conference on Isotopes (6ICI). [May 12-16, 2008, Seoul, Korea].
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68. T.E. Payne, C.E. Hughes, N.M. Creighton and J.R. Twining. Field and Laboratory Applications of Radionuclides in Environmental Research. 7th International Conference on Nuclear and Radiochemistry (NRC-7). [August 24-29, 2008, Budapest, Hungary].
69. D.R.M. Brew, F.C. de Beer, M.J. Radebe, L.P. Aldridge, P.J. McGlinn, T.E. Payne. Water Transport through Cement-based Barriers – A Preliminary Study Using Neutron Tomography. 6th International Topical Meeting on Neutron Radiography (ITMNR) at Kobe University in Japan on September 14-18, 2008.
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71. Willaims, A.G., W. Zahorowski, S. Chambers, A. Element, S. Werczynski and A. Griffiths, S.D. Parkes. 2008. The Distribution of Radon in Clear and Cloudy Boundary Layers Over Land. *Eos Trans. AGU*, 89(53), Fall Meet. Supp., Abstract A33B-0026.
72. Willaims, A.G., W. Zahorowski, S. Chambers, A. Element, S. Werczynski and A. Griffiths. The vertical distribution of radon in daytime terrestrial boundary layers. Cape Grim Baseline Air Pollution Station Annual Science Meeting 2008, 27-28 November 2008, p.16.
73. Alastair Williams, Wlodek Zahorowski, Scott Chambers, Adrian Element, Sylvester Werczynski and Alan Griffiths. The vertical distribution of radon in daytime terrestrial

boundary layer. Cape Grim Baseline Air Pollution Station 2008 Annual Science Meeting. Centre for Australian Weather and Climate Research, CSIRO Marine and atmosphere Research, Aspendale, Victoria, 27-28 November, 2008. p. 16 . Eds Paul Krummel and Nada Derek.

74. Verheggen, B, Vermeulen, A T, Zahorowski, W (2008), Flux Estimation of Methane using the Radon Flux Method, *Eos Trans. AGU*, 89(53), Fall Meet. Suppl., Abstract B33B-0410
75. Zahorowski, W, Williams, A G, Vermeulen, A T, Chambers, S, Parkes, SD (2008), Continuous Hourly Radon-222 Gradient Observations at Cabauw, *Eos Trans. AGU*, 89(53), Fall Meet. Suppl., Abstract A33B-0227
76. Williams, A G, Zahorowski, W, Chambers, S, Element, A, Werczynski, S , Griffiths, A, Parkes, S D(2008), The Distribution of Radon in Clear and Cloudy Boundary Layers Over Land, *Eos Trans. AGU*, 89(53), Fall Meet. Suppl., Abstract A33B-0226
77. Hirsch, A I, Fischer, M L, Biraud, S C, Torn, M S, Berry, J A, Andrews, A E, Peters, W, Zahorowski, W, Chambers, S, Tans, P P (2008), Combining Eddy Covariance Fluxes, High-Precision Trace Gas Measurements, Chemical Transport Modeling, and Inverse Modeling to Estimate Regional CO<sub>2</sub> Fluxes in the Southern Great Plains, USA, *Eos Trans. AGU*, 89(53), Fall Meet. Suppl., Abstract B54A-04
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82. *M.A.C. Hotchkis and D. Button*. Use of an ECR Ion Source for mass spectrometry, 18th International Workshop on ECR Ion Sources, September 15-18, 2008, Chicago, Illinois, USA (presented by D Button).
83. *M.A.C. Hotchkis*. Actinides AMS for nuclear safeguards and related applications, 11th International Conference on Accelerator Mass Spectrometry, 14th to 19th September, 2008, Rome, Italy (invited talk).
84. *B. Zorko, D.P. Child, M.A.C. Hotchkis*. Actinide isotopic ratio measurement by means of fast bouncing electrostatic deflector system, 11th International Conference on Accelerator Mass Spectrometry, 14th to 19th September, 2008, Rome, Italy.
85. *D.P. Child, M.A.C. Hotchkis, B. Zorko*. Ionisation Efficiency improvements for actinides sample measurements, 11th International Conference on Accelerator Mass Spectrometry, 14th to 19th September, 2008, Rome, Italy.

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<http://wiki.arcs.org.au/bin/view/ARCNESSPalaeo/Workshop12-13November2008>
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<http://people.su.se/~cstur/SWING2/SWING2: GNIP-Dysncape/Home.html>
92. Fierro, D., Heijnis, H., Zawadzki, A. (2008). Low-Level Gamma-Spectrometry By Using Compton Suppression – Testing The Performance Of Two Systems At The ANSTO Low Level Radiochemistry Laboratory. 10th SPERA conference.
93. Zawadzki, A., Mokhber-Shahin, L., Fierro, D., Shanmugarajah, K., Martinelo, J. (2008). Comparison Of Be-7 Analysis Using Two Gamma Spectrometry Systems And Software Packages. 10th SPERA conference.
94. Harrison, J., Zawadzki, A., Chisari, R., Wong, H (2008). Rapid determination of uranium, thorium, plutonium, americium and strontium activities in activities in environmental matrices. 10th SPERA conference.
95. Augustinus, P., Barton, E., Zawadzki, A., Harle, K. (2008) Lithological and geochemical record of mining-induced changes in sediments from Macquarie Harbour, southwest Tasmania, Australia. *Environmental Geology*.
96. Richard Gillespie, L Keith Fifield, Vladimir Levchenko, Rod Wells (2008) New <sup>14</sup>C Ages on Cellulose from Diprotodon Gut Contents: Explorations in Oxidation Chemistry and Combustion, *Radiocarbon*, 50, 75-83.