

12th European ALARA Network Workshop
“ALARA in Safety and Security of Radiation Sources”
Vienna, Austria – 21st - 23rd October 2009

Final programme

Tuesday - 20th October 2009

15.00 - 17.00 Registration

Wednesday - 21st October 2009

8.00 Registration

8.30 Welcome speeches

Mr. Günter Liebel (*Head of Department V - General Environmental Policy - Federal Ministry of Agriculture, Forestry, Environment and Water Management*)
Austrian Institute of Technology (AIT)
Seibersdorf Laboratories

8.45 Organisational arrangements

A. Hefner (*AIT, Austria*)

8.50 EAN Workshop objectives

P. Croüail (*EAN*)

Session 1: Introduction and scene setting – Chairperson: A. Hefner (AIT)

9.00 EU HASS Directive

V. Tanner (*European Commission*)

9.20 IAEA activities on control of sources

H. Mansoux (*IAEA*)

9.40 ALARA in Security and Safety of Radiation Sources: an ICRP perspective

J. Lochard (*ICRP - Committee 4*)

10.00 International initiatives since 09/11 - Feedback from GICNT and other Workshops

Dr. R. Sefzig, G. Stoppa (*BMU, Germany*)

10.20 Discussions

10.40 *Coffee Break*

Session 2: Security and Safety Measures – Chairperson: V. Tanner (European Commission)

11.00 Operation of the Register on High Activity Sealed Sources in Germany - four years of experience
U. Häusler (*BfS, Germany*)

11.15 Improved security measures for radiation sources in Norway - A case study of irradiation facilities in hospitals
S. Øvergaard, S. Hustveit (*NRPA, Norway*)

11.30 Safety, dose optimisation and security: the *quadrature* of the circle
F. Hardeman, F. Vermeersch (*SCK-CEN Mol, Belgium*)

11.45 Reclassification of security at a waste disposal repository
L. Hutton, K. Branthwaite (*LLWR, UK*), B. Morley (*Consultant, UK*)

Presentation cancelled: ALARA principle in collecting radioactive sources: the Spanish experience
T. Ortiz Ramis (*ENRESA, Spain*)

12.00 How to combine security and safety of radioactive sources and good patient service in public of large hospitals
J. Kopp (*Klinikum Augsburg, Germany*)

12.15 Safety and Security of Sealed Radiation Sources for Industrial NDT Applications
B. Redmer, H-J. Malitte (*BAM Berlin, Germany*), B. Sölter (*DGZfp Berlin, Germany*), E. Reinhardt (*Governmental District of Cologne, Germany*), R. Hacker (*Applus RTD Deutschland, Germany*)

12.30 Discussions

12.45 Lunch

14.00 Poster Session

14.45 Introduction to Working Groups

15.00 Working Groups

18.00 End of the day

Thursday - 22nd October 2009

Session 2: Security and Safety Measures – Chairperson: V. Tanner (European Commission)

- 8.45 An Industry Perspective on an efficient safe and secure Life Cycle Management of Radioactive Sources**
W. Fasten (*ISSPA, Germany*)

Session 3: Planned Exposure Situations – Chairperson: H. Mansoux (IAEA)

- 9.00 Training programmes of workers dealing with security: national and regional aspects**
P. Dimitriou (*GAEC, Greece*)
- 9.15 Aero-gamma measurements as an important tool after a nuclear accident**
C. Strobl, I. Krol, M. Thomas, C. Hohmann, C. Brummer (*BfS, Germany*)
- 9.30 Overview of ISIS (In-Situ Intercomparison Scenario) 2007 Workshop**
M. Schwaiger (*Seibersdorf Laboratories, Austria*)
- 9.45 Experience of Georgian authorities in recovering orphan sources**
G. Nabakthiani (*NRSS, Georgia*)

10.00 Discussions

10.15 Coffee Break

Session 4: Emergency situation management (especially due to malevolent acts) – Chairperson: J. Lochard (CEPN, France)

- 10.45 Minimizing the radiation exposure risk of first responders during emergency situation management**
E.A. Kroeger, R. Maier (*BfS, Germany*)
- 11.00 Training of emergency responders**
T. Geringer (*Seibersdorf Laboratories, Austria*)
- 11.15 The UK Health Protection Agency's response to Polonium-210 Incident in London 2006**
P. Tattersall (*HPA, UK*)
- 11.30 Radiation Protection Measures during the Investigation of Polonium-210 traces in Hamburg in December 2006**
E.A. Kroeger, R. Maier (*BfS, Germany*)
- 11.40 IAEA emergency preparedness and response programme**
E. Buglova (*IAEA*)

11.55 On the use of an ALARA tool to countering nuclear or radiological terrorism,
C. Rojas-Palma, K. Van der Meer, F. Vermeersch, R. Nijs (*SCK-CEN Mol, Belgium*)

12.10 Discussions

12.30 Lunch

Session 5: Justification and optimisation of doses in the use of security devices – Chairperson: A. Schmitt-Hannig (BfS)

13.30 Use of X-ray Body Scanner Equipment in the UK and matters to consider to keep doses ALARA
A. MacDonald (*HPA, UK*)

13.45 Radiation Protection Control Area around Passenger Baggage X-Ray Units
I. Prlić, M. Surić Mihić, T. Meštrovic (*Institute for Medical Research and Occupational Health, Croatia*), Z. Cerovac (*ALARA Ltd, Croatia*)

14.00 Type testing of basic-protection devices in Germany
S. Neumaier, H. Dombrowski (*PTB, Germany*) K-H. Motzkus (*BfS, Germany*)

14.15 Discussions

14.30 Working Groups

17.00 End of the Working Groups

19.00 Official dinner at “Heurigen”

Friday - 23rd October 2009

Session 6: Feedback and Conclusions – P. Shaw, P. Croüail

9.00 Feedback from the Working Groups

10.30 Coffee break

11.00 Conclusions

12.30 End of the Workshop