

LSC 2010 agenda – Poster sessions

Instrumentation, methods and scintillators

- *Design of a reflective coating for a plastic scintillation detector.*
A. Tarancon (Spain). **P-64**
- *Single versus two phototubes LS systems.*
P. Theodorsson (Iceland). **P-84**
- *Highly lead-loaded red plastic scintillator as an X-ray imaging system for the Megajoule laser.*
M. Hamel (France). **P-88**

Applications in geology, geochronology and datation

- *Balanced energy C-14 dating counting window, maximizes stability and minimizes quench correction.*
P. Theodorsson (Iceland). **P-90**

Radionuclide metrology using LSC

- *Radiopharmaceutical C-11 activity measurement by Cerenkov-TDCR.*
C. Thiam (France). **P-21**
- *The experience in application of the CIEMAT/NIST method at CENTIS-DMR.*
P. Oropesa (Cuba). **P-53**
- *Development of a Cerenkov-gamma coincidence detector for Mn-56.*
F. Ogheard (France). **P-67**
- *Standardization of F-18 by digital LSC-NaI coincidence method.*
D. Rodrigues (Argentina). **P-80**
- *Liquid Scintillation analysis of ^3H and ^{14}C with Hidex TDCR counter by comparison with common Liquid Scintillation counters.*
R. Le Meignen (France). **P-93**
- *TDCR method research in NIM.*
Y. Yang (China). **P-95**

Application in environmental monitoring

- *Comparative study of gross alpha and beta measurement in drinking waters.*
J. Melo (Portugal). **P-14**
- *Monitoring of tritium in air during distillation of used O-18 water.*
Y. Ogata (Japan). **P-23**
- *Fast determination of natural radionuclides using LS spectrometry.*
I.A. Kashirin (Russia). **P-30**
- *Some aspects of selective Pu extraction and activity measurement Quantulus.*
A. Komosa (Poland). **P-34**
- *Control of tritium in drinking and groundwater in Latvia.*
O. Veveris (Latvia). **P-37**

Application in environmental monitoring (cont'd)

- *Tritium and gamma emitters in Slovenian groundwater.*
J. K. Logar (Slovenia). **P-41**
- *C-14 levels in Finnish environment.*
V.P. Varti (Finland). **P-50**
- *Ni-63 and Sr-90, Pu and Am in Chernobyl cloud at Krakow Poland.*
K. Kleszcz (Poland). **P-51**
- *An anomalous efficiency curve for Ra-228 in LSC*
S. Chalupnik (Poland). **P-52**
- *LSC methods for radionuclide immission measurements in northern Switzerland.*
H. Beer (Switzerland). **P-79**

Applications based on alpha/beta spectrometry

- *Assessment of gross alpha/beta activities in water samples.*
L. Cerchietti (Argentina). **P-48**
- *Alpha beta misclassification corrections in LSC in water samples.*
M. Magnoni (Italy). **P-66**

Data evaluation and spectrum analysis

- *Building an unified spectra library of LSC for Tricarb.*
S.V. Malinovsky (Russia). **P-31**
- *The use of RADSPECTRADEC software for alpha radionuclides determination in PERALS method.*
V.A. Tikhomirov (Russia). **P-32**
- *Influence of quenching and PSA level on Sr-90, H-3 and Am-243 measurements.*
A. Komosa (Poland). **P-33**
- *Construction of the beta spectra on the basis of experimental nuclear decay data.*
V. Gorozhankin (Russia). **P-68**
- *Unusual spectra measured with Quantulus.*
S. Chalupnik (Poland). **P-72**

Calibration and standardization

- *TDCR measurements on Pu-241 at NIST.*
D.E. Bergeron (USA). **P-11**
- *Primary measurement of F-18 activity with LS coincidence counting for nuclear medicine in Korea.*
K.B. Lee (Korea). **P-18**
- *Absolute standardization of Cs-137 and Cs-134.*
W.M. van Wyngaardt (South Africa). **P-19**
- *Standard methods for tritium activity concentration measurements by LSC.*
C. Varlam (Romania). **P-39**

Calibration and standardization (cont'd)

- *Calibration curves for low-level tritium concentration in aqueous samples.*
I. Faurescu (Romania). **P-43**
- *Calibration of LS analyzer and Ge(HP) with I-129 to measure I-125 in ionization chamber.*
V. Aghazarian (Argentina). **P-47**
- *Influence of detection efficiency on the measurement of radon by LSC.*
C. Ivan (Romania). **P-76**

Decommissioning and remediation studies

- *Analysis of H-3 by LSC for dismantling control.*
P. Fichet (France). **P-45**

Applications in bioscience and medicine

- *Determination of Sr-90 impurities in Mo-99.*
V. Aghazarian (Argentina). **P-49**
- *Emergency radiobioassay methods: Sr-90 and Am-241.*
R. Ko (Canada). **P-86**

Radionuclides in nuclear material and waste matrices

- *LSC analysis on wastes matrices.*
L. Pierry (France). **P-20**
- *C-14 and H-3 determination of graphite target wheels.*
D. Schumann (Switzerland). **P-38**
- *Application of LSC-based techniques realized on Quantulus 1220 for rapid assay of LWR, resulting from nuclear transport facilities.*
A. Ermakov (Russia). **P-78**