

FINAL GS SESSION AGENDA (MAY 24TH)

| 15:30 | | |
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| Session: Gamma-ray Spectrometry | | |
| Chairpersons: M-C. Lépy, O. Sima | | |
| 15:30 | O. Delaune et al. - Software development for automatic analysis of 2-dimension gamma spectrum | O-24 |
| 15:50 | O. Sima et al. - Self-consistency test of coincidence-summing calculation methods for extended sources | O-100 |
| 16:10 | M-C. Lépy et al. - A benchmark for Monte Carlo simulation in gamma-ray spectrometry | O-115 |
| 16:30-17:00 | | Coffee break and posters |
| 17:00 | N.M. Murphy et al. - An automated programme for the optimisation of HPGe detector parameters using an evolutionary algorithm with GESPECOR | O-116 |
| 17:20 | J. Xu et al. - Spectral unmixing for activity estimation in gamma-ray spectrometry | O-159 |
| GS poster presentation (chairs: O. Sima, P. de Felice) | | |
| 17:40 | D. Stanga et al. - New advances in determining the detection efficiency of gamma spectrometry systems | P-40 |
| | H. Paradis et al. - Spectral unmixing applied to fast identification of gamma-emitting radionuclides using NaI(Tl) detectors | P-66 |
| | I. Mitsios et al. - The effect of time in the background of typical low-level gamma spectrometry measurements | P-73 |
| | M. Konstantinova et al. - Efficiency calibration of HPGe detector using Monte Carlo simulations including coincidence summing corrections | P-91 |
| | A. Wadjinny et al. - PUF1: a tool to prepare geometry files for PENELOPE Monte Carlo simulation in gamma-ray spectrometry | P-110 |
| | Y. Ogata et al. - Estimation methods of ¹³⁴ Cs activity using sum-peak via a well-type Ge detector | P-129 |
| | B.J. Kim et al. - Design of optimal digital filter and digital signal processing for a CZT high-resolution gamma-ray system | P-134 |
| | T. Vidmar et al. - Sensitivity of TCS correction factors to uncertainty in efficiency values | P-139 |
| | J. Šuráň et al. - Unmanned airborne spectrometric (HPGe) monitoring system | P-143 |
| | I. Vukanac et al. - Preparation of laboratory radioactive standards for experimental calibration in gamma ray spectrometry | P-147 |
| | R. Idoeta et al. - Analytical method to determine activity concentrations of short-lived radionuclides | P-166 |
| | P. Jodłowski et al. - Monte Carlo validation of self-attenuation correction calculation in ²¹⁰ Pb measurements with well detector | P-173 |
| 18:00 | S.M.T. Hoang - The innovative practical method to correct the true-coincidence summing effect in detection of efficiency calibration | P-186 |