

Session: T2.4

Monday, 26 June 2017 18:00 (3 hours)

Topic 2.4 Atmospheric Background of Radioxenon

T2.4-P1 Analysis of Data from an Intercomparison Between a SAUNA II and a SAUNA III System

T2.4-P2 Considerations of Xenon-133 to Iodine-131 Ratios for Discriminating Signatures of Nuclear Test Explosions Against Normal Operational Releases from Nuclear Facilities

T2.4-P3 Description and Analysis of CTBT-Relevant Xe Isotopes Global Background Between 2010 and 2016

T2.4-P4 (Y) Experience as a Significant Tool for the Design of Gaseous Effluents Stack Monitors

T2.4-P5 How Can We Use Atmospheric Radioxenon Observations Related to the Daiichi Nuclear Power Plant Accident at Fukushima to Better Understand IMS Observations?

T2.4-P6 RA10 New Research Reactor for Medical Isotope Production in Argentina

T2.4-P7 Radioisotopes Production in Argentina: Change of HEU to LEU and Improvements to Reduce the Emissions of Radioxenon

T2.4-P8 Radioxenon Prototype Trap Validation and Controlled Source Experiments Under the EU Council Decision VI Project

T2.4-P9 Reactor Simulations Characterizing Xenon Isotopic Ratios in Nuclear Power Plants

T2.4-P10 (Y) Results and Outcomes in Xenon Mitigation under the EU Council Decision V

T2.4-P11 (Y) Setting the 2014 Baseline for Simulated Activity Concentrations of Four Radioxenon Isotopes at IMS Sites Based on Estimated Annual Releases of Known Sources

T2.4-P12 SIMPAX: A Prototype Software Application Simulating the Impact of Radioxenon Emissions from Civil Sources on IMS Stations

T2.4-P13 Stack Release Data Analysis: Progress and Expected Outcomes

T2.4-P14 Start-Up and Calibration of INVAP Stack Air Effluent Monitor

T2.4-P15 Statistical Technique for Estimation of Global Isotopes Releases Affecting Test Detection

T2.4-P16 The Determination of Radioxenon by the Study of Rotationally Inelastic Dynamics

T2.4-P17 Towards a Better Noble Gas Characterization Scheme Based on 10 Years of National Data Centers (NDC) Analysis

T2.4-P18 Updated Worldwide Background of CTBT-Relevant Xenon Isotopes

T2.4-P19 Use of IMS Data and Its Potential for Research Through Global Noble Gas Concentration Maps

T2.4-P20 WOSMIP 6: Harvesting Results from Intensified Cooperation Between the Nuclear Explosion Monitoring and Isotope Production Communities

T2.4-P21 Xenon Radioisotope Signatures from NPP Power Variations and Their Impact on the CTBTO Verification Regime