Session: T1.2, T3.2, T4.1, T5.1

Thursday, 29 June 2017 18:00 (4 hours)

Topic 1.2 Solid Earth Structure

T1.2-P1 3D Shear Velocity Model of the Eastern and Southern Alps from Ambient Noise Tomography

T1.2-P2 (Y) A Framework of Ground Truth Event Locations Across Iran from a Two Tiered Multi-Event Relocation Approach

T1.2-P3 Amplitude-Dependent Station Magnitude

T1.2-P4 (Y) An Innovated Earthquake Modelling Technique for Near Source Modelling

T1.2-P5 (Y) Analysis of Relationship Between Deformation Area and Moment Magnitude (Mw) of Earthquake in Subduction Zone of Indo-Australian Plate

T1.2-P6 Analysis of Stress State of Caucasus (Azerbaijan) Based on the Maximum Horizontal Stress Orientations and "World Stress Map" Technique

T1.2-P7 (Y) Analysis of Variations in the Earthquakes Effects Based on the Bouguer Anomaly Map

T1.2-P8 (Y) Analysis on Earthquake Relocation Using Modified Joint Hypocenter Determination (MJHD) and Double Difference (DD) (Case Study of Kebumen Earthquake 25 January 2014 in Mw: 6.2)

T1.2-P9 Attenuation of Seismic Waves in Gheshm Area, Southeast Iran

T1.2-P10 Crust and Uppermost Mantle Structure Beneath Southern Africa Based on First P-Wave Travel Times from Seismograms Generated by Local, Regional and Mining-Induced Earthquakes

T1.2-P11 Crust-Upper Mantle Structure and Seismic Hazards Studies for National Planning and Development in Nigeria

T1.2-P12 (Y) Crustal Deformation Revealed by GPS in Greater Caucasus, Azerbaijan

T1.2-P13 Crustal Structure of the Amazon Craton, Brazil

T1.2-P14 (Y) Determination of Design Spectra with Considering Different Site Classification, in Andisheh Suburb of Bandar Abbas, South of Iran

T1.2-P15 Determination Site Effect of Zarqa City and Hashemite University Campus Based on Microtremors Field Measurements: A Microzonation Study

T1.2-P16 Determining the Kaki Earthquake Properties with Using InSAR Method, 2013, Kaki, Southwest Iran

T1.2-P17 (Y) Distribution of Seismic Wave Amplification Based on Comparation Between Surface and Bedrock Peak Ground Acceleration (PGA) (Case Study: Java Island)

T1.2-P18 Global-Scale Joint Body and Surface Wave Tomography with Vertical Transverse Isotropy for Seismic Monitoring Applications

T1.2-P19 (Y) Ground Truth Procedure to Improve the Seismic Locations, Velocity Model and Focal Mechanics Bulletin for Bolivia

T1.2-P20 (Y) Identification of the Existences of the Mud Volcanoes Beneath East Java-Indonesia Region Using Ambient Noise Tomography Method

T1.2-P21 Illuminating More of the Earth Via Sensors on Transoceanic Telecommunications Cables

T1.2-P22 (Y) Improved Seismic Travel Times in Central and Northern Costa Rica for Accurate Earthquake Location

T1.2-P23 (Y) Improving the Analysis Method of ULF Geomagnetic Data for Earthquake Precursor Monitoring in the Sumatera Region

T1.2-P24 Investigations Aimed at Enhancing the Effectiveness of Seismic Monitoring in West Kazakhstan

T1.2-P25 (Y) Monitoring Seismic Velocity Changes Using Ambient Seismic Noise

T1.2-P26 Seismic Site Effect Estimation Using Microtremor Studies in the Archaeological City Jerash in Jordan

T1.2-P27 Seismic Structure of West Africa from Surface Wave Tomography Using Regional Earthquakes and Ambient Seismic Noise

T1.2-P28 Seismic wave attenuation in the Baikal Rift System

T1.2-P29 Seismicity and Seismotectonics of the Sudan and South Sudan

T1.2-P30 (Y) Seismicity of Botswana for the Period 1950-2016

T1.2-P31 Site Effect in Archaeological City Jerash in Jordan

T1.2-P32 Source Process of the Mw = 5.1, Phalla (Islamabad) Earthquake and Its Tectonic Perspective

T1.2-P33 (Y) States of Local Stresses and Relative Locations of Small Earthquakes in the Sea of Marmara

T1.2-P34 (Y) Statistical Analysis of Seismic Bulletin in Egypt

T1.2-P35 Synthetic Seismograms of Explosive Sources Calculated by the Earth Simulator

T1.2-P36 The Preliminary Tidal Analysis Based on the CG-5 AUTOGRAV Gravity Measurements at Lenkaran Station (Azerbaijan)

T1.2-P37 (Y) The Seismic Activity of the Lake Kivu Basin: Need of a Large Seismic Network

Topic 3.2 Laboratories Including Mobile and Field-Based Facilities

T3.2-P1 (Y) Determination of Fission Radionuclides Sr-90 and Pu-242 in Water Samples

T3.2-P2 (Y) Gamma-Gamma Coincidence Analysis of the 2015 Proficiency Test Exercise (PTE)

T3.2-P3 Iranian Radionuclide Laboratory (IRL): Gas Extraction and Volume Measurement Set-Up

T3.2-P4 Laboratory Analysis of Radioxenon Samples as a Support of the IMS Network

T3.2-P5 OSI Laboratory Sample Ganging: Characterization of Multisample Holder Positions to Screen Out the Samples

T3.2-P6 Shielding of Portable High Purity Germanium Detectors for Use in Stand Alone Configuration

Topic 4.1 Performance Optimization and Systems Engineering

T4.1-P1 Advances in State of Health Analysis for International Monitoring Systems

T4.1-P2 Assessment of the Quality of the Interactive Analysis and Reviewed Event Bulletin During the September 2016 Experiment

T4.1-P3 Business Intelligence Software as a Self-Service Data Analysis Platform for the CTBTO

T4.1-P4 (Y) Chilean National Data Center and Station Management Model

T4.1-P5 Cloud Data Center Based on Big Data Processing and Collaborative Management and its Application in the CTBT Verification System

T4.1-P6 (Y) Constraints from Transport Times and Minimum Detectable Activity on the Analysis of Low-Activity Samples at CTBT Radionuclide Laboratories

T4.1-P7 Contribution of RN-52 Generated Data in the Establishment of Radioactivity Data Base in the Philippines

T4.1-P8 Digital GPS: Challenges of GPS Signals in High Noise Areas

T4.1-P9 Establishing Information Management in an Organization: When Structured Information Moves You Forward

T4.1-P10 Free Space Optics (FSO) Systems as Alternative Back-Up Links for NDCs and IMS Stations

T4.1-P11 Identification and Evaluation of Resource Constraints: Optimization of AFTAC's Configuration Management Process

T4.1-P12 Improving Detection Quality of Primary IMS Seismic Stations

T4.1-P13 IMS Reporting System and Incident Management in Operations Centre

T4.1-P14 Life Cycle Modelling Data Required to Sustain the International Monitoring System

T4.1-P15 Monitoring Indications of High-Purity Germanium Detector Failure

T4.1-P16 National Data Centre at Royal Science and Technology Park, Swaziland

T4.1-P17 Quality Assessment of Meteorological Data from CTBTO/IMS Radionuclide Stations

T4.1-P18 RASA Detector Calibrations: Field Automation and Potential for Factory Calibrations to Replace Field Calibrations

T4.1-P19 Selected Research Activities of Turkish NDC

T4.1-P20 (Y) Sharing Local Seismic Networks Data to Complete Instrumental Gaps of CTBTO Global Network

T4.1-P21 The Radionuclide Network Quality Control Programme

T4.1-P22 The WNRS of IS48TN Infrasound Station: Problems and Solutions

T4.1-P23 Thermal Insulation System and Automatic Heating of Air Sampler "SNOW WHITE" for IMS Radionuclide Station (for Example Station RN61 (Dubna)).

T4.1-P24 Times for IMS Waveform Data Requested/Queried from the CTBT Secure Web Portal (SWP) Different from the Time Specified in the Query/Request

T4.1-P25 uniDDS: A unified Data Distribution Approach for the International Monitoring System

T4.1-P26 (Y) Importance of local network in processing discrimination of sources

Topic 5.1 Science in Support of Global Policy Decisions

T5.1-P1 (Y) Government Policies and Global Strategic Governance for Planetary Sustainability, Control of Nuclear Energy and the Elimination of Nuclear Tests

T5.1-P2 Impacts of Nuclear Energy and the Lack of Strategic Governance for the Elimination of the Explosions and the Decrease of Collateral Risks

T5.1-P3 Potential Contributions of CTBTO to the Full Implementation and Complement of the Pelindaba Treaty

T5.1-P4 Radio-Ecological Monitoring of the Uranium Mining in the Mountain Areas

T5.1-P5 Science in Support of International Treaties and Sustainable Development Goals