

Rolling list of upcoming workshops, training and exercises organized by the PTS

Disclaimer: The information was last updated on 3 November 2016. This list is updated on a regular basis.

For the latest up-to-date information, please consult the web sites for “Calendar of Events” (<http://www.ctbto.org/the-organization/calendar-of-events/>) and “Workshops, Training and Exercises” (<http://www.ctbto.org/the-organization/workshops-training-and-exercises/>)

2016

<i>Dates</i>	<i>Venue</i>	<i>Meeting/Event</i>	<i>Target audience/participants</i>	<i>Descriptions (Objectives, Deliverables, etc.)</i>	<i>Lead Division(s)</i>
7 – 11 November	Baden, Austria	OSI Workshop – 23	50 external participants	Further Development of OSI Equipment List (focusing on development of the draft equipment list for continuation period techniques while further discussing the draft equipment list of initial period techniques, based on results obtained from OSI Workshop – 19 and lessons learned from IFE14)	OSI
7 – 11 November	Quito, Ecuador	Infrasound Technology Workshop 2016 (ITW2016)	The workshop is aimed towards all scientists, engineers, Station Operators, staff from the National Data Centres and other persons involved in infrasound technology and related fields.	The purpose of ITW2016 is to create an international forum for presenting and discussing recent advancements in infrasound research and operational capabilities of global and regional networks. The main sessions of the ITW2016 will be on: <ul style="list-style-type: none"> ➤ IMS, IDC and NDC Infrasound Projects; ➤ Instrumentation; ➤ Data Processing and Station Performance; ➤ Modelling & Network Performance; ➤ Analysis of Sources and Scientific Applications. 	IDC
7 November – 2 December	VIC, Vienna	NDC Capacity Building: NDC Waveform Analyst Training Course	Technical staff / authorized users involved or to be involved in the use of IMS data and IDC products. NDC staff is the main target group. <u>Pre-requisite for participation:</u> Participants are required to have completed a 2-week capacity building training course “NDC Capacity Building: Access and Analysis of IMS Waveform Data and IDC Products” or the equivalent e-learning training course and to have experience in waveform data analysis. Having experience with UNIX/Linux operating system and SQL would also be beneficial.	Objectives: <ul style="list-style-type: none"> • To strengthen the capacity of the States Signatories’ participation in the verification regime and to enhance their use of IMS data and IDC products for civil and scientific applications. The programme includes the following: <ul style="list-style-type: none"> ➤ Technical issues faced by NDCs after attending the 2-week NDC Capacity Building Training Course; ➤ Practical sessions on: <ul style="list-style-type: none"> (i) access and use of IMS data and IDC products; (ii) installation and use of Standard Software Packages ➤ Processing of IMS data and analysis of IDC products; ➤ Hands-on exercises in analyzing waveform events; ➤ Practical sessions, such as how to incorporate local seismo-acoustic station data into NDC-in-a-Box software package. 	IDC

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14 – 16 November	Oak Ridge, United States	Technical Training for Radionuclide Station Operators with ORTEC Systems (TT ORTEC Training)	Invited States Signatories should nominate participant(s) who are Station Operators involved in the operation, maintenance and repair of stations with ORTEC gamma detector systems manufactured by AMETEK. Nominated individuals should be directly related to the IMS facility.	To provide hands-on training and practical lessons to Station Operators on the operation, maintenance and repair of the ORTEC gamma detector system manufactured by AMETEK.	IDC
21 – 25 November	Uppsala, Sweden	Advanced Technical Training for Radionuclide Station Operators with SAUNA Equipment (TT EXT. RN SAUNA ADV.)	Priority will be given to operators of specific stations targeted for this training. The countries hosting these stations receive this announcement directly through official channels. Invited State Signatories should nominate participant(s) who are technical staff of IMS radionuclide stations directly responsible for the operation and maintenance of SAUNA noble gas systems, preferably with more than 18 months of experience.	To provide IMS station operators who already have experience operating SAUNA systems with the required in-depth knowledge and technical understanding of SAUNA noble gas monitoring systems in order to perform more complex operations and maintenance tasks.	IDC
28 – 30 November	VIC, Vienna	2016 Quality Management Workshop (QMW2016)	The Workshop is intended for experts in quality management, systems performance monitoring, systems engineering and operations.	The main objective of the Workshop is to review the components of the Quality Management System (QMS) of the Provisional Technical Secretariat (PTS) and elicit feedback, in order to update and enhance the system, promote a better understanding among its users, and ultimately to ensure that the system is applied and continues to fulfil its purpose. The Workshop participants will be invited to review and provide feedback on the following: <ul style="list-style-type: none"> ➤ High-level review of the progress and status of the PTS QMS as a whole; ➤ Detailed examination of key elements of the PTS QMS, including: quality policy; quality manual; verification-related Process Maps Manual (KPIs); PTS Process Metrics Manual; Performance Monitoring Tools; Inventory of Procedures; Document Management System; and Glossary of CTBT Verification Related Terms ➤ Review of the Performance Monitoring and Testing Framework and its application; and ➤ Evaluation approach to the Progressive Commissioning of the Elements of the Verification System. 	OES

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28 November – 2 December	Bariloche, Argentina	Workshop on Signatures of Man-Made Isotope Production (WOSMIP VI)	Experts from organizations who are familiar with the man-made isotope emission issues and/or experts in monitoring and processing of isotope production facilities.	<p>The Workshop brings together experts from the Treaty monitoring and isotope production communities to understand the effects of emissions of CTBT relevant radionuclides from nuclear facilities on the global radionuclide background and to explore means of enhancing the calibration and performance of Treaty verification systems without impacting the peaceful use of nuclear technology.</p> <p>The main objective of the workshop is to facilitate methods for characterizing radioxenon detection in the IMS based on thorough understanding of the radioxenon background in the atmosphere, taking account of all known sources and regional variations.</p> <p>The agenda of the Workshop will include:</p> <ul style="list-style-type: none"> ➤ Characterization of the atmospheric isotope background based on known man-made sources, including controlled source experiments; ➤ Detection of emissions or events or effluents; ➤ Recent and planned activities at isotope production facilities; ➤ Broader range of isotope sources. 	IDC
1 – 2 December	VIC, Vienna	Technical Meeting on Finalizing the IDC Validation and Acceptance Test Planning	<p>Scientists, engineers and other persons who have technical expertise in one of the four IMS technologies, the functions of the IDC and in performance monitoring and testing.</p> <p>The participants are expected to provide their technical input to the IDC Validation and Acceptance Test Plan.</p>	<p>The objective is to continue finalization of the IDC Validation and Acceptance Test Plan. The focus for this particular meeting will be on reviewing the changes made since the last meeting and to begin improving the test content. Progress in this regard will be presented at WGB-48.</p> <p>The agenda of the meeting will include:</p> <ul style="list-style-type: none"> ➤ Review of recent updates and status; ➤ Expert presentations, discussion and feedback; ➤ Validation methods, acceptance criteria and metrics for the IMS and IDC as systems; ➤ Validation methods, acceptance criteria and metrics for specific functionalities tested in Experiment 1; ➤ Relevant lessons learned from Experiment 1; ➤ Validation methods, acceptance criteria and metrics for Experiment 2; ➤ Meeting outcomes and action items. 	IDC

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10 – 12 January	VIC, Vienna	Expert Meeting ITF/FTF/ Chain of Custody	15 external participants	The ITF/FTF concepts represent core processes and procedures to plan and conduct an on-site inspection. This Expert Meeting aims to follow up several lessons pertaining to, <i>inter alia</i> , Technical Mission Reports, chain of custody issues and sample integrity that have been identified from IFE14.	OSI