



# IAEA Symposium on International Safeguards

## Monday, 5 November 2018

### [TEC] Recent Examples of Innovation in Safeguards - M Building (16:00 - 17:30)

time	[id] title	presenter
16:05	[295] Soft Robotics for Safeguards Applications in Radiations Environments	Ms RYNES, Amanda
16:10	[195] Robotics Challenges for Radiological and Nuclear Reconnaissance Applications	Dr SCHNEIDER, Frank
16:15	[111] Analysis of Select Unmanned Aerial Systems Application for International Safeguards	Mr HOROWITZ, Steven
16:20	[185] Autonomous Mobile Directionally and Spectrally Sensitive Neutron Detectors	Prof. GOLDSTON, Robert
16:25	[238] Robotics for Safeguards Inspection - Drum store inspection	Mr FLICK, Paul
16:30	[302] The "BigLock" Smart Locking System	Mr KRYLOV, Victor
16:35	[61] Radar Imaging for Reliable Safeguard in Harsh Environment	Dr HERSCHEL, Reinhold
16:40	[159] Impact of UCMS on Safeguards effectiveness and efficiency	Dr BENCARDINO, Raffaele
16:45	[239] Safeguards at Post Accident Facility - Case of Fukushima Dai-Ichi Site	Dr ARUGA, Osamu
16:50	[88] Laser-Based Measurement Tools for Future Enrichment Plant Safeguards	Mr ANHEIER, Norm
16:50	[144] Tamper-Indicating Enclosures with Visually Obvious Tamper Response	Dr SMARTT, Heidi
16:55	[126] Development of a new confocal-macro X-ray fluorescence spectrometer built on 3D printer	Dr SZALÓKI, Imre
17:00	[21] Nuclear Inspections in the Matrix: Virtual Reality for the Development of Inspection Approaches in New Facility Types	Mr KUETT, Moritz
17:05	[263] iDROP, a Promising Virtual Reality Tool to Assist Operations in Nuclear Facilities	Mrs CHABAL, Caroline
17:10	[66] Virtual Reality - ISCN's Effective Capacity Building Tool	Ms RODRIGUEZ, Perpetua
17:15	[46] Augmented Reality off-the-shelf technologies for enhancement of on-site and post-inspection processes	Mr CHERKASHYN, Dmytro
17:20	[294] 3D Mapping and Visualization of Radioactive Sources for Nuclear Safeguards Applications	HAEFNER, Andrew
17:25	[115] Human Performance Testing for Cognitive Science-Informed Information Provision for International Nuclear Safeguards Inspectors	Ms GASTELUM, Zoe
17:25	[273] Plutonium Diversion Detection Training (PDDT) for IAEA inspectors at the Idaho National Laboratory	Ms NORMAN, Claude
17:25	[183] 3S integration to support efficient and effective implementation of key Safeguard requirements: an overview of emerging state practices	Mr MUTI, Alberto Luigi
17:25	[200] UAE Safeguards: A Frontline in Nuclear Non-Proliferation	Mr QASSIM, Luay