



# ANIMMA 2021

## Tuesday, June 22, 2021

### 08 Decommissioning, Dismantling and Remote Handling - LEO (2:00 PM - 4:00 PM)

-Conveners: Patrice MÉGRET; Malcolm JOYCE

time	[id] title	presenter
2:00 PM	[179] #08-179 Updates on a real-time in-line monitoring of tritium in water for Fukushima	MICHEL, Maugan
2:20 PM	[169] #08-169 Radiation Detection Instruments Ideally Suited for Robotic Autonomy and a Novel Approach to Reduce Collimator Field-of-View	ALTON, Tilly
2:40 PM	[68] #08-68 1D OSL/FO dosimeter array for remote radiological investigations in hard-to-access zones	MAGNE, Sylvain
3:00 PM	[10] #08-10 UAV prototype for localization and identification of radioactive contamination and emitters.	MORETTO, Sandra
3:20 PM	[41] #08-41 Study of neutron background in order to improve radioactive waste drum characterization	LELAIZANT, Gabrielle
3:40 PM	Empty	

# Wednesday, June 23, 2021

## 08 Decommissioning, Dismantling and Remote Handling - AQUARIUS (11:00 AM - 12:40 PM)

-Conveners: Massimo MORICHI; Karim BOUDERGUI

time	[id] title	presenter
11:00 AM	[54] #08-54 Deep Learning for Compton image reconstruction with Caliste miniature imaging spectrometer: An innovative approach to enhance detection sensitivity	DANIEL, Geoffrey
11:20 AM	[33] #08-33 Novel thermometry approaches to facilitate safe and effective monitoring of nuclear material containers	MACHIN, Graham
11:40 AM	[22] #08-22 Nondestructive active characterization of large concrete nuclear waste packages using photofission technique and high-resolution delayed gamma spectroscopy	DELARUE, Manon
12:00 PM	[16] #08-16 The Gamma and Neutron Monitor Counters for the MICADO Project	FINOCCHIARO, Paolo
12:20 PM	[141] #08-141 Simulation of the physical processes associated to the detection of beta particles with scintillating fibres	DUFOUR, Nicolas

## 08 Decommissioning, Dismantling and Remote Handling: Parallel Intensive Oral Sessions - LEO (4:20 PM - 5:20 PM)

-Conveners: Jan WAGEMANS ; Frédérick CARREL

time	[id] title	presenter
4:20 PM	[243] #08-243 An advanced blind-tube monitoring instrument to improve the characterization of subsurface radioactive plumes	ELÍSIO, Soraia
4:25 PM	[227] #08-227 Handheld Spectrometers: From CZT To NaI, an Embedded Template Analysis for Isotope Identification	CORRE, Gwenolé
4:30 PM	[182] #08-182 Follow-up on characterizing low-activity waste containers: a case study for Compton Suppression Systems under challenging signal-to-noise ratio	MICHEL, Maugan
4:35 PM	[147] #08-147 Radiation Stability of Gadolinium Zirconate: A Nuclear Waste Immobilization Matrix	SINGH, NANDLAL
4:40 PM	[125] #08-125 Modelling the response of an in-situ CdTe detector to radionuclides in groundwater.	TURKINGTON, Graeme
4:45 PM	[89] #08-89 Efficient System for Small Waste Containers Activity Estimation	VAXI, Eran
4:50 PM	[57] #08-57 Characterization via the RadHand device integrated into the REACH system for a low-cost in-situ waste characterization of nuclear waste	MANGIAGALLI, Giacomo
4:55 PM	[56] #08-56 Spid-X: A Gamma camera with spectro-identification and dosimetry embedded functions	SERRANO, Paul
5:00 PM	[11] #08-11 Design of MICADO passive and active neutron measurement system for radioactive waste drums	DUCASSE, Quentin
5:05 PM	Empty	

# Thursday, June 24, 2021

## 08 Decommissioning, Dismantling and Remote Handling - LEO (2:00 PM - 4:00 PM)

-Conveners: Laurent OTTAVIANI; Vincent MASSAUT

time	[id] title	presenter
2:00 PM	[137] #08-137 Advanced Sectorial Gamma Scanning of Radioactive Waste Drums with Spatial Reconstruction of Activity Distributions and Quantification of Uncertainties	DÜRR, Martin
2:20 PM	[35] #08-35 Passive isotope specific gamma ray tomography of a nuclear waste drum using a CeBr3 Compton camera	ILTIS, Alain
2:40 PM	[2] #08-2 On the use of pixelated plastic scintillator and silicon photomultipliers array for coded aperture gamma-neutron imaging	LYNDE, Clément
3:00 PM	[53] #08-53 The Euratom project MICADO and its innovative characterization process of the Nuclear Waste Packages	MORICHI, Massimo
3:20 PM	Empty	