



# ICRM-LLRMT 2022

## Thursday, 5 May 2022

### Low Level $\gamma$ -ray Spectrometry - "E. Fermi" conference room (11:10 - 13:10)

-Conveners: Franz Josef Maringer

time	[id] title	presenter
11:10	[32] Monte Carlo simulation of background components in low level Germanium spectrometry	ACKERMANN, Nicola
11:30	[46] COSMOGENIC RADIONUCLIDES IN THE CAVEZZO METEORITE: $\gamma$ -RAY MEASUREMENT AND DETECTION EFFICIENCY SIMULATIONS	Ms BIZZARRI, Ilaria
11:50	[81] CALCULATION OF CHARACTERSTIC LIMITS FOR GAMMA SPECTROMETRY WITH INFLUENCE OF INTERFERING NUCLIDES	HERMANSPAHN, Nikolaus
12:10	[99] TESTING OF CONTAINER SEALING METHODS FOR RA-226 MEASUREMENTS USING HPGE DETECTORS	SOBIECH-MATURA, Katarzyna
12:30	[100] CONRAD – A low level germanium test detector for the CONUS experiment	HAKENMÜLLER, Janina
12:50	[42] Performance of HPGe Detector (BEGe Crystal)	SHAMS, Hamad
12:50	[39] Implementation of an active muon veto in an existing low-level $\gamma$ -ray spectrometer at the underground laboratory Felsenkeller	Dr DEGERING, Detlev Mr MAUKSCH, Bodo
12:50	[12] A Radioactivity Survey of Commercially Available PTFE from European Suppliers	BAUR, Daniel Peter
12:50	[9] The upgraded low-background germanium counting facility Gator for high-sensitivity $\gamma$ -ray spectrometry	Mr BISMARCK, Alexander
12:50	[65] NOVEL COMPTON SUPPRESSION EQUIPMENT IN LOW-LEVEL GAMMA-RAY SPECTROMETRY WITH LIST MODE DATA ACQUISITION	Dr PÖLLÄNEN, Roy
12:50	[3] Optimization of gamma-ray spectrometry by Monte-Carlo simulation	Dr CAGNIANT, Antoine
12:50	[4] INFLUENCE OF THE SOLAR ACTIVITY ON THE BACKGROUND OF A HIGH-RESOLUTION GAMMA-RAY SPECTROMETER	Dr PETROVIČ, Toni
12:50	[76] The GeMSE Gamma Spectroscopy Facility for Meteorite and Material Screening	LINDEMANN, Sebastian
12:50	[34] VALIDATION OF EFFICIENCY TRANSFER FOR HIGH DENSITY MATERIALS IN HPGE SPECTROMETRY	Dr BRUGGEMAN, Michel
12:50	[5] CALCULATION OF DECISION THRESHOLDS ACCORDING TO THE ISO 11929 (2019) STANDARD IN THE PRESENCE OF PEAKED BACKGROUND	Dr KORUN, Matjaž
12:50	[69] DEVELOPMENTS IN SUPPORT OF THE COMPREHENSIVE NUCLEAR-TEST- BAN TREATY - ULTRA SENSITIVE MEASUREMENTS OF AIRBORNE NUCLEAR DEBRIS	Mr DAVIES, Ashley Dr BRITTON, Richard
12:50	[70] JOINT MULTI-TEMPORAL SPECTRUM ANALYSIS FOR LOW-LEVEL RADIOACTIVITY IN GAMMA-RAY SPECTROMETRY	MALFRAIT, Paul
12:50	[62] GRANDSim: a novel Geant 4 based simulation software for HPGe detectors in use at CTBTO monitoring stations	GHEDDOU, Abdelhakim
12:50	[61] COINCIDENCE SPECTRA EVOLUTION WITH DELAY BETWEEN GAMMA SPECTROMETER AND ITS VETO SHIELD	Dr GORZKIEWICZ, Krzysztof